

TRADE SECRET

Study Title

H-27579: Developmental Toxicity Study in Rats

TEST GUIDELINES: United States (U.S.) Environmental Protection Agency (EPA), Office of Prevention, Pesticides, and Toxic Substances (OPPTS) *Health Effects Test Guidelines*, OPPTS 870.3700 Prenatal Developmental Toxicity Study. (August 1998).
Organisation for Economic Cooperation and Development (OECD/OCDE). *Guidelines for Testing of Chemicals*, 414 Prenatal Developmental Toxicity Study. (22nd January 2001).
Official Journal of the European Communities, 87/302/EEC, Part B: *Methods for the Determination of Toxicity* (1988).
MAFF Japan, 119 Nousan Number 4200, *Agricultural Chemicals Laws and Regulations, Japan (II)* (1985).

AUTHOR: [REDACTED]

STUDY COMPLETED ON: April 26, 2007

PERFORMING LABORATORY: E.I. du Pont de Nemours and Company
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LABORATORY PROJECT ID: DuPont-20639

WORK REQUEST NUMBER: [REDACTED]

SERVICE CODE NUMBER: [REDACTED]

SPONSOR: [REDACTED]
[REDACTED]

GOOD LABORATORY PRACTICE COMPLIANCE STATEMENT

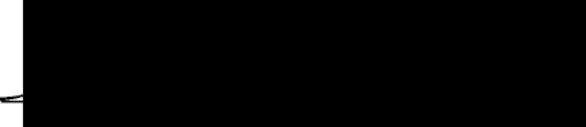
This study was conducted in compliance with U.S. EPA FIFRA (40 CFR part 160) Good Laboratory Practice Standards, which are compatible with current OECD and MAFF (Japan) Good Laboratory Practices, except for the following item:

The test substance characterization was performed at SynQuest Laboratories, Inc., a non-GLP laboratory. The characterization was not conducted under GLP, but was considered valid and sufficient for the purposes of this study.

Applicant / Sponsor:



Study Director:



26-April-2007
Date

Senior Research Toxicologist

Applicant / Sponsor:

Applicant / Sponsor Representative

Date

QUALITY ASSURANCE STATEMENT

Work Request Number:

Study Code Number:



<i>Phase Audited</i>	<i>Audit Dates</i>	<i>Date Reported to Study Director</i>	<i>Date Reported to Management</i>
Protocol:	July 10, 2006	July 10, 2006	July 19, 2006
Conduct:	July 14, 2006 August 30, 2006	July 14, 2006 August 30, 2006	July 14, 2006 August 30, 2006
Report/Records:	August 24-25, 2006 December 4-6, 2006 March 29-30, April 2, 2007	August 25, 2006 December 6, 2006 April 2, 2007	August 31, 2006 January 18, 2007 April 2, 2007

Reported by:

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Date

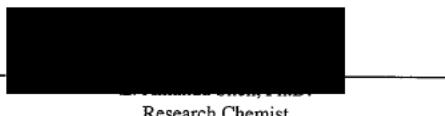
Quality Assurance Auditor

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CERTIFICATION

We, the undersigned, declare that this report provides an accurate evaluation of data obtained from this study.

Analytical Evaluations by:

26-April-2007

Date

Research Chemist

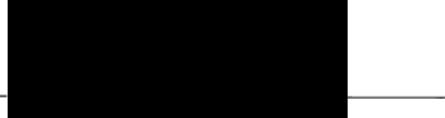
Approved by:

26-April-2007

Date

Research Manager and Director
Mammalian Toxicology

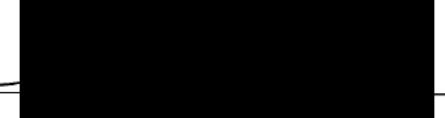
Reviewed by:

26-April-2007

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Issued by Study Director:

26-April-2007

Date

Senior Research Toxicologist

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STUDY INFORMATION

Substance Tested: • Sodium perfluorohexanoate
• 2923-26-4 (CAS Number)
• H-27579

Haskell Number: [REDACTED]

Purity: 100%

Physical Characteristics: Off-white solid

Stability: The test substance appeared to be stable under the conditions of the study; no evidence of instability was observed.

Study Initiated/Completed: July 6, 2006 / (see report cover page)

Experimental Start/Termination: July 9, 2006 / April 26, 2007

SUMMARY

Groups of 22 time-mated Crl:CD(SD) rats were administered formulations of the test substance in NanoPure® water by once daily gavage on gestation days (GD) 6-20 at daily dose levels of 0, 20, 100, and 500 mg/kg/day at 5 mL/kg. Control rats were administered the vehicle only. During the in-life portion of the study, maternal clinical observations, body weights, and food consumption data were collected. On GD 21, all dams were euthanized and a gross external and visceral examination was performed. The uterus of each pregnant female was removed and the uterine contents were examined and described; all fetuses were removed and individually identified, weighed, sexed, and examined for external alterations. Approximately one-half of the fetuses were examined for soft tissue alterations; all fetuses were examined for skeletal alterations.

There were no test substance-related deaths or gross postmortem findings in dams at any dosage. Maternal toxicity, consisting of reductions in body weight parameters and food consumption, occurred at 500 mg/kg/day. A transient non-adverse decrease in maternal food consumption occurred at 100 mg/kg/day. Developmental toxicity was limited to a decrease in fetal weight at 500 mg/kg/day.

Under the conditions of this study, the no-observed-effect level (NOAEL) for maternal and developmental toxicity was 100 mg/kg/day, based on reductions in maternal body weight parameters and food consumption, and decreased fetal weight at 500 mg/kg/day.

INTRODUCTION

The test substance is the sodium salt of perfluorohexanoic acid.

OBJECTIVE

The objective of this study was to evaluate the potential maternal and developmental toxicity of the test substance in rats. The test substance was administered by gavage to timed mated rats daily from around the time of implantation to the end of gestation, gestation days (GD) 6-20.

EXPERIMENTAL DESIGN

A. Treatment Groups and Daily Dosage

Treatment Groups and Daily Dosage

Group	Dosage (mg/kg/day) ^a	Formulation Concentration (mg/mL) ^b	Number of Timed Pregnant Females
1	0 ^c	0	22
2	20	4	22
3	100	20	22
4	500	100	22

a Formulations of test substance in NANO® pure water were administered once daily by gavage on GD 6-20 at a dosing volume of 5 mL/kg.

b To achieve these concentrations of active ingredient, the formulations were adjusted for sample purity.

c The control group animals received vehicle (NANO® pure water) only at a dosing volume of 5 mL/kg.

B. Route of Administration and Sacrifice Schedule

The test substance was administered orally because this route is recommended by test guidelines for this type of study.

Rats were dosed once daily by gavage on GD 6-20. The volume administered (5 mL/kg) was based on the most recent body weight.

Rats were sacrificed on GD 21.

SELECTION OF DOSE LEVELS

In a previous pilot developmental toxicity study in rats,⁽¹⁾ the test substance was administered once daily by gavage to groups of time-pregnant Crl:CD(SD) rats (8/group) on gestation days (GD) 6-20 at dosages of 0, 100, 500, or 1000 mg/kg/day. There was test substance-related maternal mortality at 1000 mg/kg/day; one animal was found dead and another was sacrificed *in extremis* during the first week of dosing. Overall body weight gain (GD 6-21) was 26% and 47% lower than controls at 500 and 1000 mg/kg/day, and was mainly the result of body weight loss during the first few days of dosing. Overall food consumption (GD 6-21) was 16% and 26% lower than controls at 500 and 1000 mg/kg/day. Stained and wet skin/fur were observed in dams in the 500 and 1000 mg/kg/day groups. No test substance-related gross pathology findings were observed in dams at any dosage. Adjusted maternal body weight on GD 21 (gravid uterus weight

excluded) was 10% and 17% lower than controls at 500 and 1000 mg/kg/day, respectively, as was adjusted maternal body weight gain on GD 6-21 (46% and 78% lower than controls). At 100 mg/kg/day, overall maternal body weight gain, adjusted body weight gain and food consumption on GD 6-21 were minimally affected and differences from control were not statistically significant (11%, 19% and 13% lower than controls, respectively). Fetal weight was 10% and 26% lower than controls at 500 and 1000 mg/kg/day, respectively; mean fetal weight at 100 mg/kg/day was similar to controls. Reproductive parameters were similar across groups. There were no test substance related fetal external alterations at any dosage. Based on these data, the dose levels for the current study were 0, 20, 100, and 500 mg/kg/day.

MATERIALS AND METHODS

A. Vehicle

Name: NanoPure® water
Known Contaminants: None

B. Test Substance

1. Identification

Chemical Name: Sodium perfluorohexanoate
CAS Registry Number: 2923-26-4
Haskell Sample Number: 27579
Purity: 100%
Color: Off-white
Form: Solid
Supplier: SynQuest Laboratories, Inc.
Analytical Standard: Obtained from a commercial source
Stability of Test Substance: 3-years (supplier-provided)

C. Dosing Formulations

1. Preparation

Formulations of the test substance in the vehicle were prepared weekly. Ten-day refrigerated stability and 5-hour room temperature stability following 10-day refrigeration were demonstrated in the current study. The test substance was a solution in the vehicle. Dosing formulations were stored refrigerated until used. The method of mixing the test substance with the vehicle is documented in the study records.

2. Sampling and Analysis

Samples of each formulation concentration were taken near the beginning and end of the study. Samples were submitted shortly after preparation to the Analytical Chemistry group.

- One sample of vehicle and one sample from each formulation concentration were taken near the beginning of the study and analyzed immediately to verify mixing uniformity/concentration and 5-hour room temperature stability of the test substance in the formulation. A second set of samples was taken near the beginning of the study and held refrigerated for 10 days and analyzed for 10-day refrigerated stability and 10-day refrigerated, 5-hours at room temperature stability.
- One sample of the vehicle and one sample from each formulation concentration were taken near the end of the study and analyzed immediately following submission to determine concentration.

3. Test Formulation Analysis

The analytical methods are detailed in the Analytical Report that is provided in Appendix C.

D. Test System

Species/Strain: Crl:CD(SD) rat

Sex: Female (nulliparous, timed mated, GD 0 = day mating confirmed)

Supplier: Charles River Laboratories, Inc., Raleigh, North Carolina

Gestation Day at Arrival: GD 1, 2 or 3

Number of Rats Received: 88 (68 females received on July 6, 2006; 20 females received on July 7, 2006)

Age at Arrival: Approximately 63 days

Age at Start of Study: Approximately 67 days

Weight at Study Start: 204-272 grams

Identification: Each animal was identified by the supplier prior to shipping by marking the tail in indelible ink with a unique number from a list provided by Haskell Laboratory. The tail marks were verified routinely and darkened, if necessary, to ensure tracking of animal identity.

GD 0 body weights were supplied by the vendor and included in the study records.

E. Justification for Animal Model

The rat was selected for this study because it is a preferred species for developmental toxicity testing as recommended by test guidelines. The Crl:CD(SD) strain was chosen because extensive background information is available from the literature, the supplier, and previous studies conducted at Haskell Laboratory. This strain is also considered suitable relative to hardiness and incidence of spontaneous disease.

F. Animal Husbandry

Housing: Individually in stainless steel, wire-mesh cages suspended above cage boards.

Cage Rack Positioning: Cage racks were not relocated within the animal room.

Climate: Temperature of 18-26°C

Relative humidity of 30%-70%

The relative humidity and temperature values in the housing rooms were recorded daily in the study records.

Illumination: Artificial (fluorescent light) on an approximate 12-hour light/dark cycle.

Water: Tap water *ad libitum* from United Water Delaware.

Feed: PMI® Nutrition International, LLC Certified Rodent LabDiet® 5002 (pellets) *ad libitum*.

G. Animal Health and Environmental Monitoring Program

As specified in the Haskell Laboratory animal health and environmental monitoring program, the following procedures are performed periodically to ensure that contaminant levels are below those that would be expected to impact the scientific integrity of the study:

- Water samples are analyzed for total bacterial counts, and the presence of coliforms, lead, and other contaminants.
- Samples from freshly washed cages and cage racks are analyzed to ensure adequate sanitation by the cagewashers.

Certified animal feed is used, guaranteed by the manufacturer to meet specified nutritional requirements and not to exceed stated maximum concentrations of key contaminants, including specified heavy metals, aflatoxin, chlorinated hydrocarbons, and organophosphates. The presence of these contaminants below the maximum concentration stated by the manufacturer would not be expected to impact the integrity of the study.

The animal health and environmental monitoring program is administered by the attending laboratory animal veterinarian. Data are maintained separately from study records and may be included in the final report at the discretion of the study director.

H. Quarantine and Pretest Periods

Rats were quarantined according to procedures outlined in Haskell Laboratory Standard Operating Procedure (SOP) LA003-P, and then released for the study upon approval of the Laboratory Animal Veterinarian or a designee.

I. Assignment of Animals to Groups

Before dosing began, animals were randomly assigned to control or experimental groups using a computerized randomization procedure designed to produce a homogeneous distribution of body weights across groups within each breeding lot.

J. In-life Observations

Procedure	Frequency
<u>Quarantine and Pretest</u>	
Mortality/Moribundity	At least once daily
Clinical Observations	GD 4
Body Weights	GD 4
Food Consumption	GD 4
<u>Testing Period</u>	
Mortality/Moribundity	Twice daily (AM and PM)
Clinical Observations	Twice daily on GD 6-20 (during weighing and approximately 2 hours post-dosing) Once on GD 21 Clinical signs observed at other times were recorded by exception.
Body Weights	Daily on GD 6-21
Food Consumption	GD 6, 8, 10, 12, 14, 16, 18, 20, and 21

K. Animal Euthanasia

Females were euthanized by carbon dioxide asphyxiation and exsanguination. Fetuses were euthanized after the external examination was complete. Fetuses designated for head examinations were euthanized by decapitation; all other fetuses were euthanized by an intraperitoneal injection of a commercial euthanasia agent.

L. Postmortem Evaluations

1. Control of Bias

In addition to random assignment to groups, all females were assigned a blind identifier number before scheduled euthanasia; this number allowed maternal postmortem and fetal evaluations to be conducted without knowledge of the group designation.

2. Females Surviving to Scheduled Euthanasia

A gross external and visceral examination was performed immediately after euthanasia. Gross lesions were retained for possible histologic examination; lesions for which a microscopic

diagnosis would not be additive (e.g., osteoarthritis, pododermatitis, tail chronic dermatitis, calculus, and deformities of the teeth, toe, tail, or ear pinnae) were not saved. Microscopic examination of gross lesions was not performed since it was not considered necessary to meet the objective of the study.

The gravid uterus of each dam having at least one viable fetus was weighed to permit calculation of maternal body weight adjusted to exclude the products of conception. The *corpora lutea* count for each ovary of females with visible implantation sites was recorded.

For each female with visible implantation sites, the types of implantations (live and dead fetuses, early and late resorptions) and their relative positions in the uterus were recorded. The body weight of each live fetus was recorded.

The types of implantations are:

Live fetus:	Fully formed and responds to stimuli
Dead fetus:	Fully formed with little or no evidence of maceration
Late resorption:	Identifiable structures (i.e. digital rays)
Early resorption:	No visible fetal structures

3. Fetuses of Females Surviving to Scheduled Euthanasia

Those fetuses classified as dead were examined externally, viscerally, and skeletally to the extent possible. Data for these fetuses were excluded from all calculations performed for live fetuses.

One fetus from dam 210 was inadvertently discarded without examination; no body weight, sex, or alteration data were recorded.

a. External Examination

All fetuses classified as live were examined externally for alterations. External sex was recorded for each live fetus.

b. Visceral and Head Examination

For each litter, approximately half of the live fetuses were examined for visceral alterations by fresh tissue dissection.⁽²⁾ In addition, all live fetuses with malformations visible at external examination were examined for soft tissue alterations; decapitation of these fetuses for head examination was performed at the discretion of the study director or designee.

The frozen heads of decapitated fetuses (fetuses that were decapitated prior to visceral examination; approximately half of the fetuses) were examined by a serial sectioning technique.⁽³⁾

c. Skeletal Examination

All live fetuses were fixed in alcohol, processed, and the skeletons stained with alizarin-red. The skeletal bodies of all the fetuses and the skulls of half the fetuses (fetuses that were not designated for head examination) were examined for alterations.

M. Statistical Methods

Parameter	Method of Statistical Analysis (see References for Statistical Methods)		
	Preliminary Test	If Preliminary Test is Not Significant	If preliminary test is significant
Maternal weight Maternal weight change Maternal food consumption Corpora lutea Implantations Live fetuses Dead fetuses Resorptions	Levene's test for homogeneity and Shapiro-Wilk test for normality ^a	One-way analysis of variance and Dunnett's test	Kruskal-Wallis test followed by Dunn's test
Incidence of pregnancy Maternal mortality Females with total resorptions Early deliveries	None		Cochran-Armitage test ^b
Incidence of fetal alterations	None		Exact Mann-Whitney with a Bonferroni-Holm adjustment
Fetal weight (Covariates: litter size, sex ratio) Sex ratio (Covariate: litter size)	Levene's test for homogeneity and Shapiro-Wilk test for normality ^c	Analysis of covariance and Dunnett-Hsu	Non-parametric analysis of covariance

a If the Shapiro-Wilk test was not significant but Levene's test was significant, a robust version of Dunnett's test was used. If the Shapiro-Wilk test was significant, Kruskal-Wallis test was followed by Dunn's test.

b If the incidence was not significant, but a significant lack of fit occurred, then Fisher's Exact test with a Bonferroni correction was used.

c A normalizing, variance stabilizing transformation was used as needed.

For litter parameters, the proportion of affected fetuses per litter or the litter mean was used as the experimental unit for statistical evaluation.⁽⁴⁾ The level of significance selected was p < 0.05.

RESULTS AND DISCUSSION

ANALYTICAL**A. Test Substance Stability**

(Appendix A)

The Certificate of Analyses (COA) provided by the Sponsor indicates the bulk test substance has a purity of 100% with an expiration date of May 2009.

B. Dosing Formulations Analysis

(Appendix C)

Data from the analysis of the formulation samples indicated that the test substance was uniformly mixed in the vehicle, at the targeted concentrations, and stable in the vehicle under the conditions of the study. The data also indicated that the test substance was stable in the vehicle after 10 days of refrigeration, and 10-days refrigeration followed by 5 hours at room temperature. The test substance was not found in the 0 mg/mL sample.

DEVELOPMENTAL TOXICOLOGY

A. Maternal Mortality and Clinical Observations

(Table 1, Appendix D)

All animals survived until scheduled sacrifice. Test substance-related clinical signs of toxicity occurred in one animal (dam 418) in the 500 mg/kg/day group and consisted of nasal discharge, lung noise, and wet/stained skin/fur, which occurred concomitantly with periods of body weight loss and markedly decreased food consumption in this animal. Although limited to one animal and transient, these clinical signs were considered test substance-related because the 500 mg/kg/day group showed other evidence of maternal toxicity (discussed in the next sections), which was most marked in this particular animal.

B. Maternal Body Weights and Body Weight Changes

(Tables 2 and 3, Appendices E, F, and G)

There were adverse test substance-related effects on maternal body weight parameters at 500 mg/kg/day. A transient decrease in body weight gain occurred on GD 12-14; mean body weight at 500 mg/kg/day was 51% lower than controls. Another decrease in body weight gain occurred at the end of the study; mean body weight gain was 30% and 25% lower than controls on GD 18-20 and 20-21, respectively. As a result of these decreases in weight gain, overall weight gain (GD 6-21) and overall net weight gain (GD 6-21 weight gain excluding the gravid uterus weight) were 19% and 26% lower than controls, respectively. In addition, daily mean body weights on GD 19-21 and net body weight on GD 21 were 5%-7% lower than controls. The decreases were of similar magnitude and remained statistically significant when the one more severely affected animal was removed from the analysis (dam 418).

Body weight parameters at 20 and 100 mg/kg/day were similar to controls throughout the study.

C. Maternal Food Consumption

(Table 4, Appendix H)

There were test substance-related effects on maternal food consumption at 100 and 500 mg/kg/day; however, only the effect at 500 mg/kg/day was considered adverse. Beginning on GD 12, mean daily food consumption at 500 mg/kg/day was 10%-12% lower than controls for most of the subsequent intervals. Although these decreases in daily food consumption resulted in only a small decrease in overall food consumption (5% lower than controls on GD 6-21), the effect on food consumption was considered adverse at this dosage since it was of sufficient magnitude to have an adverse impact on body weight gain during late gestation. These decreases in food consumption were of similar magnitude and remained statistically significant when the one more severely affected animal was removed from the analysis (dam 418).

Food consumption was decreased at 100 mg/kg/day on GD 12-14 (7% lower than controls); however, this effect was not considered adverse because it was transient, and did not affect body weight parameters at this dosage. Food consumption at 20 mg/kg/day was similar to controls throughout the study.

D. Maternal Gross Observations

(Table 5, Appendix I)

There were no test substance-related gross postmortem findings at any dosage. Observations were limited to dilated kidney in one dam at 20 mg/kg/day, a finding that was not considered test substance-related due to the single incidence and lack of a dose response relationship.

A. Reproductive Outcome and Litter Data

(Table 6, Appendices J and K)

The mean number of implantation sites, resorptions, and live fetuses, and the mean sex ratio were comparable across all groups. An adverse test substance-related effect on fetal weight occurred at 500 mg/kg/day; mean fetal weight was 10% lower than controls (5.26 vs. 5.82 g in controls). This decrease in fetal weight was of similar magnitude (8% lower than controls) and remained statistically significant when the one more severely affected animal was removed from the analysis (dam 418; mean fetal weight 3.01 g).

B. Fetal Alterations

(Table 7, Appendix L)

There were no test substance-related fetal malformations or variations observed at any dosage.

Two fetuses from the same control group litter had malformations; one had absent tail (acaudate), while the other had various thoracic and lumbar vertebral malformations and variations. One fetus at 20 mg/kg/day had whole-body edema (anasarca) with enlarged and hemorrhagic adrenal, and sternebral and vertebral ossification delays. These malformations and variations were not increased in a dose-related fashion, were of low incidence, and were considered to have occurred spontaneously. In the remaining fetuses, the number and type of variations observed were similar for all groups and were common to this strain and developmental age.

CONCLUSIONS

Under the conditions of this study, the no-observed-effect level (NOAEL) for maternal and developmental toxicity was 100 mg/kg/day, based on reductions in maternal body weight parameters and food consumption, and decreased fetal weight at 500 mg/kg/day.

RECORDS AND SAMPLE STORAGE

A sample of the test substance was collected for archive purposes.

Specimens (if applicable), raw data, the protocol, amendments (if any), and the final report are retained at Haskell Laboratory, Newark, Delaware, or at Iron Mountain Records Management, Wilmington, Delaware.

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1. DuPont Haskell Laboratory. (2006). Pilot Developmental Toxicity Study in Rats. Unpublished Data. DuPont Haskell Laboratory DuPont-20309. Work Request Number (WR) 16579, Study Service Code (SC) 840.
2. Staples, R.E. (1974). Detection of visceral alterations in mammalian fetuses. *Teratology* **9(3)**, A37-A38.
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4. Haseman, J.K. and Hogan, M.D. (1975). Selection of the experimental unit in teratology studies. *Teratology* **12**, 165-171.

References For Statistical Methods

Test	Reference(s)
Levene's	Levene, H. (1960). Robust test for equality of variances. <i>Contributions to Probability and Statistics</i> (J. Olkin, ed.), pp 278-292. Stanford University Press, Palo Alto.
Shapiro-Wilk	Shapiro, S.S. and Wilk, M.B. (1965). An analysis of variance test for normality (complete samples). <i>Biometrika</i> 52 , 591-611.
One-way analysis of variance Cochran-Armitage Analysis of covariance	Snedecor, G.W. and Cochran, W.G. (1967). <i>Statistical Methods</i> , 6th edition, pp 246-248 and 349-352. The Iowa State University Press, Ames.
Dunnett's	Dunnett, C.W. (1964). New tables for multiple comparisons with a control. <i>Biometrics</i> 20 , 482-491. Dunnett, C.W. (1980). Pairwise multiple comparisons in the unequal variance case. <i>J. Amer. Statist. Assoc.</i> 75 , 796-800.
Kruskal-Wallis	Tamhane, A.C. (1979). A comparison of procedures for multiple comparison of means with unequal variances. <i>J. Amer. Statist. Assoc.</i> 74 , 471-480.
Dunn's	Kruskal, W.H. and Wallis, W.A. (1952). Use of ranks in one-criterion analysis of variance. <i>J. Amer. Statist. Assoc.</i> 47 , 583-621.
Exact Mann-Whitney with a Bonferroni-Holm adjustment	Dunn, O.J. (1964). Multiple contrasts using rank sums. <i>Technometrics</i> 6 , 241-252. Agresti, A. (1992). A Survey of Exact Inference for Contingency Tables. <i>Statistical Science</i> , 7 (1), 131-177.
Dunnett-Hsu	Mehta, C.R., Patel, N.R., and Tsiatis, A.A. (1984). Exact Significance Testing to Establish Treatment Equivalence with Ordered Categorical Data. <i>Biometrics</i> , 40 , 819-825. Hsu, J.C. (1992). The Factor Analytic Approach to Simultaneous Inference in the General Linear Model. <i>Journal of Computational and Graphical Statistics</i> 1 , 151-168.
Non-parametric analysis of covariance	Stephenson, W.R., Jacobson, D. (1988). A comparison of Nonparametric Analysis of Covariance Techniques, <i>Communications in Statistics – Simulations</i> 17 , 17(2), 451-461.
Fisher's Exact	Fisher, R.A. (1985). <i>Statistical Methods for Research Workers</i> , 13th edition. Haffner, New York.

TABLES

TABLES
EXPLANATORY NOTES

Notes

Due to rounding differences, values in tables may be slightly different than appendices.

Abbreviations

BW	= Body weight
BWG	= Body weight gain
FC	= Food consumption
GD	= Gestation day
Kg	= Kilogram
Mg	= Milligram
N/n	= Number in group/Number of values used in calculation of mean
ppm	= parts per million
-/-/./.../Blank space	= No data/Data could not be calculated

Table 1
Summary Of Maternal Clinical Observations

Group	1	2	3	4
Dosage (mg/kg/day)	0	20	100	500
At Risk:	22	22	22	22
Breathing - lung noise				
Number of Observations	.	.	.	1
Number of Animals	.	.	.	1
Days from - to	.	.	.	20 20
Discharge - brown - nose				
Number of Observations	.	.	.	1
Number of Animals	.	.	.	1
Days from - to	.	.	.	13 13
Hair loss				
Number of Observations	.	34	.	14
Number of Animals	.	5	.	2
Days from - to	.	10 21	.	12 21
Missing - toe				
Number of Observations	.	.	16	.
Number of Animals	.	.	1	.
Days from - to	.	.	6 21	.
Scheduled sacrifice				
Number of Observations	22	22	22	22
Number of Animals	22	22	22	22
Days from - to	21 21	21 21	21 21	21 21
Stained skin/fur - yellow - perineum				
Number of Observations	.	.	.	2
Number of Animals	.	.	.	1
Days from - to	.	.	.	20 21
Swollen - hindlimb				
Number of Observations	.	.	16	.
Number of Animals	.	.	1	.
Days from - to	.	.	6 21	.
Wet fur - perineum				
Number of Observations	.	.	.	1
Number of Animals	.	.	.	1
Days from - to	.	.	.	13 13

Table 2
Mean Maternal Body Weights (grams)

Group: Dosage (mg/kg/day)	1 0	2 20	3 100	4 500
BW:DAY6	235.4 12.7(22)	239.0 14.8(22)	231.6 16.9(22)	237.6 14.1(22)
BW:DAY7	241.1 13.5(22)	244.1 13.9(22)	237.1 17.8(22)	240.2 15.8(22)
BW:DAY8	246.5 13.8(22)	250.1 14.9(22)	242.3 17.6(22)	246.6 16.4(22)
BW:DAY9	254.6 14.5(22)	256.0 16.1(22)	248.6 18.5(22)	252.4 17.6(22)
BW:DAY10	262.2 14.6(22)	264.2 17.0(22)	256.9 19.5(22)	259.7 18.0(22)
BW:DAY11	269.8 14.4(22)	274.0 16.9(22)	265.2 20.3(22)	267.7 17.6(22)
BW:DAY12	276.3 13.1(22)	279.8 14.9(22)	270.3 19.0(22)	273.8 19.2(22)
BW:DAY13	285.0 14.1(22)	288.1 19.0(22)	278.5 21.3(22)	277.5 18.8(22)
BW:DAY14	292.2 16.1(22)	294.8 17.1(22)	283.4 20.8(22)	281.6 16.8(22)
BW:DAY15	299.3 18.0(22)	303.7 19.4(22)	293.1 22.5(22)	290.5 18.6(22)
BW:DAY16	312.5 18.2(22)	317.9 18.5(22)	306.8 22.4(22)	302.8 20.1(22)
BW:DAY17	329.0 21.6(22)	331.1 18.9(22)	321.4 24.6(22)	319.1 21.9(22)
BW:DAY18	345.5 22.4(22)	349.4 18.5(22)	337.5 25.5(22)	332.3 25.2(22)

Table 2 (Continued)
Mean Maternal Body Weights (grams)

Group: Dosage (mg/kg/day)	1 0	2 20	3 100	4 500
BW:DAY19	361.1 22.2(22)	365.8 18.3(22)	353.7 25.9(22)	343.9* 25.9(22)
BW:DAY20	377.4 24.5(22)	383.0 19.0(22)	371.5 25.5(22)	354.6* 28.5(22)
BW:DAY21	400.0 27.6(22)	405.6 19.2(22)	392.7 27.3(22)	371.5* 32.9(22)
C_BW:DAY 21	304.1 16.3(22)	308.2 18.2(22)	294.1 21.1(22)	288.1* 22.7(22)

Data summarized as: Mean

 Standard Deviation (n)

C_BW:Day21 = Net body weight on day 21 = Terminal body weight minus the gravid uterus weight.

Statistical Analysis: Statistical significance is indicated by the following (p < 0.05):

^ Cochran-Armitage test for trend

* Parametric comparison to control (Dunnett/Tamhane-Dunnett) significant

@ Nonparametric comparison to control (Dunn's) significant

Trend test (Jonckheere-Terpstra) significant

~ next to control mean indicates no analyses were performed

Table 3
Mean Maternal Body Weight Changes (grams)

Group: Dosage (mg/kg/day)	1 0	2 20	3 100	4 500
BWG:DAY6-DAY8	11.2 3.5(22)	11.2 4.1(22)	10.7 3.4(22)	9.0 5.0(22)
BWG:DAY8-DAY10	15.7 3.5(22)	14.1 3.8(22)	14.6 4.7(22)	13.1 3.3(22)
BWG:DAY10-DAY12	14.1 11.1(22)	15.6 7.1(22)	13.5 5.3(22)	14.1 7.1(22)
BWG:DAY12-DAY14	15.9 9.3(22)	15.0 6.0(22)	13.0 7.7(22)	7.8* 8.3(22)
BWG:DAY14-DAY16	20.2 4.7(22)	23.1 4.9(22)	23.5 5.3(22)	21.2 5.0(22)
BWG:DAY16-DAY18	33.1 6.9(22)	31.5 5.5(22)	30.6 6.4(22)	29.5 13.6(22)
BWG:DAY18-DAY20	31.9 5.4(22)	33.6 8.4(22)	34.0 6.9(22)	22.2* 8.0(22)
BWG:DAY20-DAY21	22.6 6.5(22)	22.6 4.7(22)	21.2 5.2(22)	16.9* 7.5(22)

Table 3 (Continued)
Mean Maternal Body Weights (grams)

Group: Dosage (mg/kg/day)	1 0	2 20	3 100	4 500
BWG:DAY6-DAY21	164.6 18.0(22)	166.6 12.9(22)	161.1 16.5(22)	133.9@ 26.7(22)
C_BWG:DAY 21	68.7 10.3(22)	69.2 10.3(22)	62.4 10.8(22)	50.5@ 19.5(22)

Data summarized as: Mean
 Standard Deviation (n)

C_BWG:Day21 = Net body weight change on day 21 = Net body weight on day 21 minus the body weight on day 6.

Statistical Analysis: Statistical significance is indicated by the following ($p < 0.05$):

^ Cochran-Armitage test for trend

* Parametric comparison to control (Dunnett/Tamhane-Dunnett) significant

@ Nonparametric comparison to control (Dunn's) significant

Trend test (Jonckheere-Terpstra) significant

~ next to control mean indicates no analyses were performed

Table 4
Mean Maternal Food Consumption (grams/day)

Group: Dosage (mg/kg/day)	1 0	2 20	3 100	4 500
FC:DAY6-DAY8	23.1 1.8(22)	24.1 2.4(22)	23.2 2.7(22)	23.2 4.1(22)
FC:DAY8-DAY10	24.5 2.5(22)	25.6 2.5(22)	23.9 3.6(22)	24.6 3.4(22)
FC:DAY10-DAY12	26.4 4.8(22)	27.8 2.9(22)	26.3 2.7(22)	27.1 3.8(22)
FC:DAY12-DAY14	28.2 2.1(22)	28.4 2.7(22)	26.2@ 3.0(22)	24.9@ 4.0(22)
FC:DAY14-DAY16	30.4 3.7(22)	30.2 3.1(22)	28.6 3.3(22)	27.4@ 2.7(22)
FC:DAY16-DAY18	31.9 3.0(22)	32.3 3.2(22)	31.1 3.1(22)	31.2 5.5(22)
FC:DAY18-DAY20	31.1 2.2(22)	31.5 2.8(22)	30.0 2.6(22)	27.5@ 4.8(22)
FC:DAY20-DAY21	28.9 3.6(22)	29.6 2.9(22)	29.2 3.0(22)	25.8 6.3(22)
FC:DAY6-DAY21	28.0 2.0(22)	28.6 2.3(22)	27.2 2.3(22)	26.5 2.7(22)

Data summarized as: Mean
 Standard Deviation (n)

Statistical Analysis: Statistical significance is indicated by the following ($p < 0.05$):

^ Cochran-Armitage test for trend

* Parametric comparison to control (Dunnett/Tamhane-Dunnett) significant

@ Nonparametric comparison to control (Dunn's) significant

Trend test (Jonckheere-Terpstra) significant

~ next to control mean indicates no analyses were performed

Table 5
Summary of Maternal Gross Observations

	Dosage (mg/kg/day):	FEMALES			
	Number of Animals on Study :	0	20	100	500
KIDNEYS;		22	22	22	22
Submitted.....	(0)	(0)	(0)	(0)	(0)
Dilatation; right	0	1	0	0	0
WHOLE BODY;					
Submitted.....	(0)	(0)	(0)	(0)	(0)
No Visible Lesions.....	22	21	22	22	22

Table 6
Reproductive Outcome

Group:	1	2	3	4
Dosage(mg/kg/day)	0	20	100	500
Number of animals in group	22	22	22	22
Not Pregnant (%)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Died/Killed	0	0	0	0
Survived to scheduled kill	0	0	0	0
Pregnant (%)	22(100.0)	22(100.0)	22(100.0)	22(100.0)
Died/Killed/Aborted	0	0	0	0
with total resorption	0	0	0	0
with live fetus at scheduled kill	22	22	22	22
<i>Corpora Lutea</i>	14.3 3.7(22)	14.7 3.2(22)	13.6 2.5(22)	12.4 2.4(22)
Implants	12.2 2.4(22)	12.8 1.8(22)	12.6 1.9(22)	11.9 2.2(22)
Total Resorptions	0.00 0.00(22)	0.09 0.29(22)	0.00 0.00(22)	0.27 0.70(22)
Early Resorptions	0.00 0.00(22)	0.09 0.29(22)	0.00 0.00(22)	0.27 0.70(22)
Late Resorptions	0.00~ 0.00(22)	0.00 0.00(22)	0.00 0.00(22)	0.00 0.00(22)
Dead Fetuses	0.0~ 0.0(22)	0.0 0.0(22)	0.0 0.0(22)	0.0 0.0(22)
Live Fetuses	12.2 2.4(22)	12.7 1.8(22)	12.6 1.9(22)	11.6 2.5(22)
Live Male Fetuses	5.6 2.0(22)	6.5 2.2(22)	6.0 1.9(22)	5.6 2.2(22)
Live Female Fetuses	6.6 2.1(22)	6.2 1.9(22)	6.7 1.6(22)	6.0 2.3(22)

Table 6 (Continued)
Reproductive Outcome

Group: Dosage(mg/kg/day)	1 0	2 20	3 100	4 500
Fetal Weight	5.82 0.31(22)	5.67 0.32(22)	5.82 0.34(22)	5.26! 0.58(22)
Male Weight	5.97 0.32(22)	5.84 0.37(22)	6.00 0.37(22)	5.40 0.61(22)
Female Weight	5.69 0.33(22)	5.51 0.32(22)	5.65 0.33(22)	5.12 0.56(22)
Sex Ratio	0.46 0.13(22)	0.50 0.15(22)	0.47 0.12(22)	0.49 0.16(22)

Data summarized as: Mean

Standard Deviation (n)

Sex Ratio = Number male fetuses/total number fetuses per litter.

Statistical Analysis: Statistical significance is indicated by the following ($p < 0.05$):

^ Cochran-Armitage test for trend

* Parametric comparison to control (Dunnett/Tamhane-Dunnett) significant

@ Nonparametric comparison to control (Dunn's) significant

Trend test (Jonckheere-Terpstra) significant

! Analysis of Covariance and Dunnett-Hsu

~ next to control mean indicates no analyses were performed

Statistical analyses are only conducted on the total mean fetal weight; the means for males and females are presented for information only.

Note: The incidence of pregnancy, maternal mortality, the total resorptions, and early deliveries/abortions were statistically analyzed using the Cochran-Armitage test. Live fetuses, dead fetuses, resorptions, *corpora lutea*, and implantations were analyzed by One-Way Analysis of Variance and Dunnett's test. Fetal weight and sex ratio were analyzed using Analysis of Covariance and Dunnett-Hsu.

Table 7
Incidence of Fetal Malformations and Variations

	Classification	0 mg/kg/day	20 mg/kg/day	100 mg/kg/day	500 mg/kg/day
Total number of fetuses examined		268	279	278	256
External Defects: Number of Fetuses Examined		268	279	278	256
: Number of Litters Examined		22	22	22	22
<u>Tail</u>					
Tail, Acaudate	Malformation	1 (0.4) 1 (4.5)			
<u>General</u>					
General, Anasarca	Malformation		1 (0.4) 1 (4.5)		

Statistical Analysis: Statistical significance is indicated by the following ($p < 0.05$):
 \$ Exact Mann-Whitney with a Bonferroni-Holm adjustment.

Upper line denotes number of affected fetuses

Lower line denotes number of affected litters

Figures in parenthesis denote percentage incidence

Calculated values do not include animals which either, were not pregnant, did not survive to the scheduled kill, had a total litter loss, aborted or are marked for exclusion

Table 7 (Continued)
Incidence of Fetal Malformations and Variations

	Classification	0 mg/kg/day	20 mg/kg/day	100 mg/kg/day	500 mg/kg/day
Total number of fetuses examined		268	279	278	256
Visceral Defects: Number of Fetuses Examined : Number of Litters Examined		129 22	132 22	134 22	123 22
<u>Abdomen</u>					
Adrenal gland, Hemorrhagic	Variation		1 (0.8) 1 (4.5)		
Adrenal gland, Enlarged	Variation		1 (0.8) 1 (4.5)		
Head Defects: Number of Fetuses Examined : Number of Litters Examined		128 22	132 22	134 22	123 22
No abnormalities detected					

Statistical Analysis: Statistical significance is indicated by the following ($p < 0.05$):
 \$ Exact Mann-Whitney with a Bonferroni-Holm adjustment.

Upper line denotes number of affected fetuses

Lower line denotes number of affected litters

Figures in parenthesis denote percentage incidence

Calculated values do not include animals which either, were not pregnant, did not survive to the scheduled kill, had a total litter loss, aborted or are marked for exclusion

Table 7 (Continued)
Incidence of Fetal Malformations and Variations

	Classification	0 mg/kg/day	20 mg/kg/day	100 mg/kg/day	500 mg/kg/day
Total number of fetuses examined		268	279	278	256
Skeletal - Head Defects: Number of Fetuses Examined		140	147	144	133
: Number of Litters Examined		22	22	22	22
<u>Skull</u>					
Parietal, Incomplete ossification	Variation	1 (0.6) 1 (4.5)	2 (1.7) 2 (9.0)	1 (0.6) 1 (4.5)	

Statistical Analysis: Statistical significance is indicated by the following ($p < 0.05$):

\$ Exact Mann-Whitney with a Bonferroni-Holm adjustment.

Upper line denotes number of affected fetuses

Lower line denotes number of affected litters

Figures in parenthesis denote percentage incidence

Calculated values do not include animals which either, were not pregnant, did not survive to the scheduled kill, had a total litter loss, aborted or are marked for exclusion

Table 7 (Continued)
Incidence of Fetal Malformations and Variations

	Classification	0 mg/kg/day	20 mg/kg/day	100 mg/kg/day	500 mg/kg/day
Total number of fetuses examined		268	279	278	256
Skeletal - Body Defects: Number of Fetuses examined : Number of Litters Examined		268 22	279 22	278 22	256 22
<u>Vertebrae</u>					
Lumbar centrum, Unossified	Malformation	1 (0.4) 1 (4.5)			
Lumbar centrum, Misaligned	Variation	3 (1.4) 2 (9.0)	1 (0.3) 1 (4.5)	4 (1.6) 3 (13.6)	1 (0.3) 1 (4.5)
Thoracic centrum, Misshapen	Malformation	1 (0.4) 1 (4.5)			
Thoracic centrum, Misaligned	Variation	1 (0.4) 1 (4.5)			
Thoracic centrum, Hemicentric	Variation		1 (0.4) 1 (4.5)		
Thoracic centrum, Bipartite ossification	Variation	8 (2.9) 7 (31.8)	11 (4.5) 6 (27.2)	1 (0.4) 1 (4.5)	3 (1.5) 3 (13.6)
<u>Ribs</u>					
Rib, Short	Variation		2 (0.6) 2 (9.0)	1 (0.4) 1 (4.5)	1 (0.4) 1 (4.5)
Rib, Extra ossification site	Variation	11 (4.0) 8 (36.3)	14 (4.8) 8 (36.3)	14 (5.1) 7 (31.8)	14 (5.1) 10 (45.4)
<u>Sternebrae</u>					
Sternebrae, Incomplete ossification	Variation		1 (0.4) 1 (4.5)		

Statistical Analysis: Statistical significance is indicated by the following ($p < 0.05$):
\$ Exact Mann-Whitney with a Bonferroni-Holm adjustment.

Upper line denotes number of affected foetuses

Lower line denotes number of affected litters

Figures in parenthesis denote percentage incidence

Calculated values do not include animals which either, were not pregnant, did not survive to the scheduled kill, had a total litter loss, aborted or are marked for exclusion

APPENDICES

**APPENDICES
EXPLANATORY NOTES**

Notes

Due to rounding differences, values in tables may be slightly different than appendices.

Abbreviations

BW	= Body weight
BWG	= Body weight gain
FC	= Food consumption
GD	= Gestation day
Kg	= Kilogram
Mg	= Milligram
N/n	= Number in group/Number of values used in calculation of mean
ppm	= parts per million
Wt	= Weight
-/-/./.../Blank space	= No data/Data could not be calculated

Individual Fetal Data

Notes

Skeletal elements noted as missing/disarticulated are artifacts of skeletal processing. These fetuses were examined to the extent possible.

Abbreviations

CL	<i>corpora lutea</i>
Earl	Early resorption
Early PM	Early Postmortem
Late	Late resorption
Posn	Implant position <i>in uterus</i>
Skel	Skeletal exam set
Viab	Viable fetus
Visc	Visceral exam set

**Appendix A
Certificate Of Analysis**



SynQuest Laboratories, Incorporated

WR 16579, H# 27579

*** Certificate of Analysis ***

Product Number: 2122-2-14

Analysis Date: May 11, 2006

Product Name: Sodium perfluorohexanoate

QC#: Q135-48

SPECIFICATIONS / RESULTS

PROPERTY	MINIMUM	MAXIMUM	RESULT	STATUS	METHOD
Assay, %	98	102	101	Pass	SGM-T-01
Identity	Match Reference		OK	Pass	SGM-I-01
Appearance	Off-white solid		OK	Pass	SGM-V-01

Shelf-life: 3 years. Stability studies indicate that this material is stable for at least 3 years. After 3 years and for critical applications, reanalyze before use. Store this material in a tightly closed container in a cool, dry area and out of the direct sunlight.

STATUS: PASS

COMMENTS:

BSE / TSE Statement: Synthetic material - non-animal source.

Analyst: AJ Date: 5.11.06 Reviewed by: mB

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Appendix B
Protocol And Protocol Amendments

DuPont-20639

H-27579: Developmental Toxicity Study in Rats

Work Request Number [REDACTED]

Service Code [REDACTED]

Protocol

Performing Laboratory: E.I. du Pont de Nemours and Company
HaskellSM Laboratory for Health and Environmental Sciences
P.O. Box 50
Newark, Delaware 19714
U.S.A.

Haskell Animal Welfare
Committee Number: [REDACTED]

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INTRODUCTION

The test substance is the sodium salt of perfluorohexanoic acid (PFHA).

OBJECTIVE

The objective of this study is to evaluate the potential maternal and developmental toxicity of the test substance in rats. The test substance will be administered by gavage to timed mated rats daily from around the time of implantation to the end of gestation, gestation days (GD) 6-20.

SPONSOR

Sponsor: [REDACTED]

The date of sponsor's approval is documented on the Work Authorization Form.

REGULATORY COMPLIANCE AND TEST GUIDELINES

This study will be conducted in compliance with the following good laboratory practice(s), which are compatible with current OECD and MAFF (Japan) Good Laboratory Practices.

- U.S. EPA TSCA (40 CFR part 792) Good Laboratory Practice Standards.

This study will be conducted in compliance with the following test guideline(s):

- U.S. EPA, OPPTS 870.3700 Prenatal Developmental Toxicity Study, *Health Effects Test Guidelines* (1998).
- OECD, Section 4 (Part 414): Prenatal Developmental Toxicity Study, *Guideline for the Testing of Chemicals* (2001).
- Official Journal of the European Communities, 87/302/EEC, Part B: Methods for the Determination of Toxicity.
- MAFF Japan, 119 Nousan Number 4200, *Agricultural Chemicals Laws and Regulations, Japan (II)* (1985).

EXPERIMENTAL DESIGN

A. Treatment Groups and Daily Dosage

Group	Dosage (mg/kg/day) ^a	Formulation Concentration (mg/mL) ^b	Number of Timed Pregnant Females
1	0 ^c	0	22
2	20	4	22
3	100	20	22
4	500	100	22

a Formulations of test substance in NANO® pure water will be administered once daily by gavage on GD 6-20 at a dosing volume of 5 mL/kg.

b To achieve these concentrations of active ingredient, the formulations will be adjusted for sample purity.

c The control group animals will receive vehicle (NANO® pure water) only at a dosing volume of 5 mL/kg.

B. Route of Administration and Sacrifice Schedule

The test substance will be administered orally because this route is recommended by test guidelines for this type of study.

Rats will be dosed once daily by gavage on GD 6-20. The volume administered (5 mL/kg) will be based on the most recent body weight.

Rats will be sacrificed on GD 21.

SELECTION OF DOSE LEVELS

In a previous pilot developmental toxicity study in rats,⁽¹⁾ the test substance was administered once daily by gavage to groups of time-pregnant Crl:CD(SD) rats (8/group) on gestation days (GD) 6-20 at dosages of 0, 100, 500, or 1000 mg/kg/day. There was test substance-related maternal mortality at 1000 mg/kg/day; one animal was found dead and another was sacrificed in extremis during the first week of dosing. Overall body weight gain (GD 6-21) was 26% and 47% lower than controls at 500 and 1000 mg/kg/day, and was mainly the result of body weight loss during the first few days of dosing. Overall food consumption (GD 6-21) was 16% and 26% lower than controls at 500 and 1000 mg/kg/day. Stained and wet skin/fur were observed in dams in the 500 and 1000 mg/kg/day groups. No test substance-related gross pathology findings were observed in dams at any dosage. Adjusted maternal body weight on GD 21 (gravid uterus weight excluded) was 10% and 17% lower than controls at 500 and 1000 mg/kg/day, respectively, as was adjusted maternal body weight gain on GD 6-21 (46% and 78% lower than controls). At 100 mg/kg/day, overall maternal body weight gain, adjusted body weight gain and food consumption on GD 6-21 were minimally affected and differences from control were not statistically significant (11%, 19% and 13% lower than controls, respectively). Fetal weight was 10% and 26% lower than controls at 500 and 1000 mg/kg/day, respectively; mean fetal weight at 100 mg/kg/day was similar to controls. Reproductive parameters were similar across groups.

H-27579: Developmental Toxicity Study in Rats

DuPont-20639

There were no test substance related fetal external alterations at any dosage. Based on these data, the dose levels for the current study will be 0, 20, 100, and 500 mg/kg/day.

MATERIALS AND METHODS

C. Vehicle

Name: NanoPure® water
Known Contaminants: None

D. Test Substance

Chemical Name: Sodium perfluorohexanoate
CAS Registry Number: 2923-26-4
Haskell Sample Number: 27579
Purity: 100%
Color: Off-white
Form: Solid
Supplier: SynQuest Laboratories, Inc.
Analytical Standard: Obtained from a commercial source
Stability of Test Substance: 3-years (supplier-provided)

The test substance characterization was performed at SynQuest Laboratories, Inc., a non-GLP laboratory. The characterization was not conducted under GLP, but is considered valid and sufficient for the purposes of this study.

E. Dosing Formulations

1. Preparation

Formulations of the test substance in the vehicle will be prepared weekly. Ten-day refrigerated stability and 5-hour room temperature stability following 10-day refrigeration will be demonstrated in the current study. The test substance is a solution in the vehicle. Dosing formulations will be stored refrigerated until used. The method of mixing the test substance with the vehicle will be documented in the study records.

2. Sampling and Analysis

Samples of each formulation concentration will be taken near the beginning and end of the study. If necessary, additional samples may be taken at the discretion of the study director or designee. Samples will be submitted shortly after preparation to the Analytical Chemistry group.

- One sample of vehicle and one sample from each formulation concentration will be taken near the beginning of the study and analyzed immediately to verify mixing uniformity/concentration and 5-hour room temperature stability of the test substance in the formulation. A second set of samples will be taken near the beginning of the study and held

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refrigerated for 10 days and analyzed for 10-day refrigerated stability and 10-day refrigerated, 5-hours at room temperature stability.

- One sample of the vehicle and 1 sample from each formulation concentration will be taken near the end of the study and analyzed immediately following submission to determine concentration.

If samples cannot be analyzed at the specified times, they will be refrigerated until analyses can be conducted. On days samples are taken, the formulations remaining after dosing will be refrigerated for possible additional analysis. The analytical methods used will be documented in the study records.

F. Test System

Species/Strain: Crl:CD[®](SD) rat

Sex: Female (nulliparous, timed mated, GD 0 = day mating confirmed)

Supplier: Charles River Laboratories, Inc., Raleigh, North Carolina

Gestation Day at Arrival: GD 1, 2 or 3

Number of Rats Received: 88 (68 females received on July 6, 2006; 20 females received on July 7, 2006)

Age at Arrival: Approximately 63 days

Age at Start of Study: Approximately 67 days

Weight at Arrival: Approximately 201-225 grams

The weight range is not a factor for the purposes of this study and, therefore, deviations outside of this range are expected not to have any impact on the study.

Identification: Each animal will be identified by the supplier prior to shipping by marking the tail in indelible ink with a unique number from a list provided by Haskell Laboratory. The tail marks will be verified routinely and darkened, if necessary, to ensure tracking of animal identity.

GD 0 body weights will be supplied by the vendor and included in the study records.

G. Justification for Animal Model

The rat was selected for this study because it is a preferred species for developmental toxicity testing as recommended by test guidelines. The Crl:CD®(SD) strain was chosen because extensive background information is available from the literature, the supplier, and previous studies conducted at Haskell Laboratory. This strain is also considered suitable relative to hardiness and incidence of spontaneous disease.

II. Animal Husbandry

Housing: Individually in stainless steel, wire-mesh cages suspended above cage boards.

Cage Rack Positioning: Cage racks will not be relocated within the animal room.

Climate: Temperature of 18-26°C
Relative humidity of 30%-70%
The relative humidity and temperature values in the housing rooms will be recorded daily in the study records.

Illumination: Artificial (fluorescent light) on an approximate 12-hour light/dark cycle.

Water: Tap water *ad libitum* from United Water Delaware

Feed: PMI® Nutrition International, LLC Certified Rodent LabDiet® 5002 (pellets) *ad libitum*.

Unless judged by the study director or the laboratory veterinarian to have significantly affected the results of the study, the relative humidity and temperature ranges in the housing rooms will not be included in the final report.

I. Animal Health and Environmental Monitoring Program

As specified in the Haskell Laboratory animal health and environmental monitoring program, the following procedures are performed periodically to ensure that contaminant levels are below those that would be expected to impact the scientific integrity of the study:

- Water samples are analyzed for total bacterial counts, and the presence of coliforms, lead, and other contaminants.
- Samples from freshly washed cages and cage racks are analyzed to ensure adequate sanitation by the cagewashers.

Certified animal feed is used, guaranteed by the manufacturer to meet specified nutritional requirements and not to exceed stated maximum concentrations of key contaminants, including specified heavy metals, aflatoxin, chlorinated hydrocarbons, and organophosphates. The

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presence of these contaminants below the maximum concentration stated by the manufacturer would not be expected to impact the integrity of the study.

The animal health and environmental monitoring program is administered by the attending laboratory animal veterinarian. Data are maintained separately from study records and may be included in the final report at the discretion of the study director.

J. Quarantine and Pretest Periods

Rats will be quarantined according to procedures outlined in Haskell Laboratory Standard Operating Procedure (SOP) LA003-P, and then released for the study upon approval of the Laboratory Animal Veterinarian or a designee.

K. Assignment of Animals to Groups

Before dosing begins, animals will be randomly assigned to control or experimental groups using a computerized randomization procedure designed to produce a homogeneous distribution of body weights across groups within each breeding lot. Animals that lose excessive weight or that are ill prior to the start of dosing will be removed from the study, sacrificed and discarded without pathological evaluation, or may be released for other laboratory purposes at the discretion of the study director.

L. In-life Observations

Procedure	Frequency
<u>Quarantine and Pretest</u>	
Mortality/Moribundity	At least once daily
Clinical Observations	GD 4
Body Weights	GD 4
Food consumption	GD 4
<u>Testing period</u>	
Mortality/Moribundity	Twice daily (AM and PM)
Clinical Observations	Twice daily on GD 6-20 (during weighing and approximately 2 hours post-dosing) Once on GD 21 Clinical signs observed at other times will be recorded by exception.
Body Weights	Daily on GD 6-21
Food consumption	GD 6, 8, 10, 12, 14, 16, 18, 20, and 21

M. Animal Euthanasia

Females will be euthanized by carbon dioxide asphyxiation and exsanguination. Fetuses will be euthanized after the external examination is complete. Fetuses designated for head examinations will be euthanized by decapitation; all other fetuses will be euthanized by an intraperitoneal injection of a commercial euthanasia agent.

N. Postmortem Evaluations**1. Control of Bias**

In addition to random assignment to groups, all females will be assigned a blind identifier number before scheduled euthanasia; this number will allow maternal postmortem and fetal evaluations to be conducted without knowledge of the group designation.

2. Females Dying Prior to Scheduled Euthanasia

A gross external and visceral examination will be performed in a timely manner. Animals that are found dead will be refrigerated until a necropsy can be performed. Gross lesions will be retained for possible examination; lesions for which a microscopic diagnosis would not be additive (e.g., osteoarthritis, pododermatitis, tail chronic dermatitis, calculus, and deformities of the teeth, toe, tail, or ear pinnae) will not be saved.

Pregnancy status will be recorded. Grossly abnormal uterine contents will be recorded by exception as a maternal gross postmortem finding and will be retained for further examination at the discretion of the study director or designee.

Uteri with no visible implantation sites will be placed in 10% aqueous solution of ammonium sulfide to detect very early resorptions.

3. Females Delivering Early

Dams that deliver before scheduled euthanasia will be euthanized and a gross external and visceral examination performed in a timely manner. Gross lesions will be retained for possible examination; lesions for which a microscopic diagnosis would not be additive (e.g., osteoarthritis, pododermatitis, tail chronic dermatitis, calculus, and deformities of the teeth, toe, tail, or ear pinnae) will not be saved.

Grossly abnormal uterine contents will be recorded by exception as a maternal gross postmortem finding and will be retained for further examination at the discretion of the study director or designee. Fetuses delivered and those remaining in the uterus will be examined to the extent possible and retained at the discretion of the study director or designee.

4. Females Surviving to Scheduled Euthanasia

A gross external and visceral examination will be performed immediately after euthanasia. Gross lesions will be retained for possible examination; lesions for which a microscopic diagnosis

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would not be additive (e.g., osteoarthritis, pododermatitis, tail chronic dermatitis, calculus, and deformities of the teeth, toe, tail, or ear pinnae) will not be saved.

Uteri with no visible implantation sites will be placed in a 10% aqueous solution of ammonium sulfide to detect very resorptions.

The gravid uterus of each dam having at least one viable fetus will be weighed to permit calculation of maternal body weight adjusted to exclude the products of conception. The corpora lutea count for each ovary of females with visible implantation sites will be recorded.

For each female with visible implantation sites, the types of implantations (live and dead fetuses, early and late resorptions) and their relative positions in the uterus will be recorded. The body weight of each live fetus will be recorded.

The types of implantations are:

Live fetus:	Fully formed and responds to stimuli
Dead fetus:	Fully formed with little or no evidence of maceration.
Late resorption:	Identifiable structures (i.e. digital rays)
Early resorption:	No visible fetal structures

5. Fetuses of Females Surviving to Scheduled Euthanasia

Those fetuses classified as dead will be examined externally, viscerally, and skeletally to the extent possible. Data for these fetuses will be excluded from all calculations performed for live fetuses.

a. External Examination

All fetuses classified as live will be examined externally for alterations. External sex will be recorded for each live fetus.

b. Visceral and Head Examination

For each litter, approximately half of the live fetuses will be examined for visceral alterations by fresh tissue dissection.⁽²⁾ In addition, all live fetuses with malformations visible at external examination will be examined for soft tissue alterations; decapitation of these fetuses for head examination will be performed at the discretion of the study director or designee.

Fetal organs or tissues will be retained if deemed necessary for obtaining a definitive diagnosis. Bilateral organs will be retained when only one is affected. Sufficient tissues from control fetuses will be fixed to provide comparison with suspect tissues, if needed; tissues will be discarded if not needed.

The frozen heads of decapitated fetuses (fetuses that were decapitated prior to visceral examination; approximately half of the fetuses) will be examined by a serial sectioning technique.⁽³⁾

c. **Skeletal Examination**

All live fetuses will be fixed in alcohol, processed and the skeletons stained with alizarin-red. The skeletal bodies of all the fetuses and the skulls of half the fetuses (fetuses that were not designated for head examination) will be examined for alterations.

O. **Statistical Methods**

Parameter	Method of Statistical Analysis (see Appendix A for references)		
	Preliminary Test	If Preliminary Test is Not Significant	If preliminary test is significant
Maternal weight			
Maternal weight change			
Maternal food consumption			
Corpora lutea			
Implantations			
Live fetuses			
Dead fetuses			
Resorptions			
Incidence of pregnancy			
Maternal mortality			
Females with total resorptions			
Early deliveries			
Incidence of fetal alterations	None	Cochran-Armitage test ^b	
Fetal weight (Covariates: litter size, sex ratio)	Levene's test for homogeneity and Shapiro-Wilk test for normality ^a	Exact Mann-Whitney with a Bonferroni-Holm adjustment	
Sex ratio (Covariate: litter size)	Levene's test for homogeneity and Shapiro-Wilk test for normality ^c	Analysis of covariance and Dunnett-Hsu	Non-parametric analysis of covariance

a If the Shapiro-Wilk test is not significant but Levene's test is significant, a robust version of Dunnett's test will be used. If the Shapiro-Wilk test is significant, Kruskal-Wallis test is followed by Dunn's test.

b If the incidence is not significant, but a significant lack of fit occurs, then Fisher's Exact test with a Bonferroni correction is used.

c A normalizing, variance stabilizing transformation may be used as needed.

For litter parameters, the proportion of affected fetuses per litter or the litter mean will be used as the experimental unit for statistical evaluation.⁽⁴⁾ The level of significance selected is $p < 0.05$. Additional statistical tests may be used and other parameters analyzed, if deemed necessary.⁵

SAFETY AND HOUSEKEEPING

Good housekeeping procedures will be practiced to avoid contamination of dosing formulation preparation facilities and potential health hazards. To avoid skin contact, gloves will be worn when handling the test substance or dosing formulations. In addition, the test substance will be handled in a chemical hood. Dosing formulations will be prepared in properly ventilated areas. Animal carcasses and feces will be incinerated.

RECORDS AND SAMPLE STORAGE

Specimens (if applicable), raw data, the protocol, amendments (if any), and the final report will be retained. A sample of the test substance will be collected for archive purposes.

STUDY DATES

Proposed Experimental Start: July 9, 2006
Proposed In-life Completion Date July 27, 2006
Proposed Experimental Termination: October 2006

REFERENCES

1. DuPont Haskell Laboratory. (2006). Pilot Developmental Toxicity Study in Rats. Unpublished Data. DuPont Haskell Laboratory DuPont-20309. Work Request Number (WR) 16579, Study Service Code (SC) 840.
2. Staples, R.E. (1974). Detection of visceral alterations in mammalian fetuses. *Teratology* **9(3)**, A37-A38.
3. Astroff AB, Ray SE, Rowe LM, Hilbush KG, Linville AL, Stutz JP, Breslin WJ. (2002). Frozen-sectioning yields similar results as traditional methods for fetal cephalic examination in the rat. *Teratology* **66(2)**, 77-84.
4. Haseman, J.K. and Hogan, M.D. (1975). Selection of the experimental unit in teratology studies. *Teratology* **12**, 165-171.

APPENDIX A

REFERENCES FOR STATISTICAL METHODS

Test	Reference(s)
Levene's	Levene, H. (1960). Robust test for equality of variances. <i>Contributions to Probability and Statistics</i> (J. Olkin, ed.), pp 278-292. Stanford University Press, Palo Alto.
Shapiro-Wilk	Shapiro, S.S. and Wilk, M.B. (1965). An analysis of variance test for normality (complete samples). <i>Biometrika</i> 52 , 591-611.
One-way analysis of variance	Snedecor, G.W. and Cochran, W.G. (1967). <i>Statistical Methods</i> , 6th edition, pp 246-248 and 349-352. The Iowa State University Press, Ames.
Cochran-Armitage	
Analysis of covariance	
Dunnett's	Dunnett, C.W. (1964). New tables for multiple comparisons with a control. <i>Biometrics</i> 20 , 482-491.
Kruskal-Wallis	Dunnett, C.W. (1980). Pairwise multiple comparisons in the unequal variance case. <i>J. Amer. Statist. Assoc.</i> 75 , 796-800.
Dunn's	Tamhane, A.C. (1979). A comparison of procedures for multiple comparison of means with unequal variances. <i>J. Amer. Statist. Assoc.</i> 74 , 471-480.
Exact Mann-Whitney with a Bonferroni-Holm adjustment	Kruskal, W.H. and Wallis, W.A. (1952). Use of ranks in one-criterion analysis of variance. <i>J. Amer. Statist. Assoc.</i> 47 , 583-621.
	Dunn, O.J. (1964). Multiple contrasts using rank sums. <i>Technometrics</i> 6 , 241-252.
	Agresti, A. (1992). A Survey of Exact Inference for Contingency Tables. <i>Statistical Science</i> , 7 (1), 131-177.
	Mehta, C.R., Patel, N.R., and Tsiatis, A.A. (1984). Exact Significance Testing to Establish Treatment Equivalence with Ordered Categorical Data. <i>Biometrics</i> , 40 , 819-825.
Dunnett-Hsu	Hsu, J.C. (1992). The Factor Analytic Approach to Simultaneous Inference in the General Linear Model. <i>Journal of Computational and Graphical Statistics</i> 1 , 151-168.
Non-parametric analysis of covariance	Stephenson, W.R., Jacobson, D. (1988). A comparison of Nonparametric Analysis of Covariance Techniques, <i>Communications in Statistics – Simulations</i> 17 , 17(2), 451-461.
Fisher's Exact	Fisher, R.A. (1985). <i>Statistical Methods for Research Workers</i> , 13th edition. Haffner, New York.

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SIGNATURES

Approved by:



Study Director

Ob-July-2006

Date

Appendix C
Analysis For Test Substance In Dosing Formulations

Haskell Laboratory for Toxicology
and Industrial Medicine

August 30, 2006

TO:

H-27579: Developmental Toxicity Study in Rats

cc:

FROM:

Research Chemist

ANALYSIS FOR H-27579 IN DOSING SOLUTIONS

Work Request Number:

[REDACTED]

Service Code:

[REDACTED]

Haskell Sample Number:

[REDACTED]

Analytical Report Number:

DuPont-20639_AN

DuPont Study Number:

DuPont-20639

Notebook References:

[REDACTED]

The analytical report for the study identified above will be issued as part of the integrated report (DuPont-20639).

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ANALYSIS FOR H-27579 IN DOSING SOLUTIONS

Work Request Number:

Service Code:

Haskell Sample Number:

Analytical Report Number:

DuPont Study Number:

[REDACTED]
[REDACTED]

DuPont-20639_AN

DuPont-20639

SUMMARY

Dosing solutions at concentrations of 4, 20, and 100 mg/mL of H-27579 were submitted on July 7, 2006 for concentration verification/uniformity of mixing, 5-hour room temperature, 10-day refrigerated, and 10-day refrigerated followed by 5-hour room temperature stability analyses. In addition, dosing solutions at same concentrations of H-27579 were submitted for concentration verification/uniformity of mixing analyses on July 21, 2006. The 0 mg/mL (control) sample was submitted for analysis together with each set of samples.

The vehicle for the test substance in the study was Nanopure® water.

Concentrations of H-27579 in separate dosing solutions were measured by high performance liquid chromatography with detection by tandem mass spectrometry (LC/MS/MS).

The data for samples collected on July 7, 2006 show that the test substance was at the targeted levels ($\pm 4.7\%$ of nominal), uniformly mixed (C.V.'s = 0.0%, 3%, and 2%, respectively), and stable when held for 5 hours at room temperature in the vehicle.

The data for samples collected on July 7, 2006 and refrigerated for 10 days then analyzed for stability show that the test substance was at the targeted levels ($\pm 5.5\%$ of nominal), uniformly mixed (C.V.'s = 2%, 3%, and 2%, respectively), and stable for 10-day refrigeration and 10-day refrigeration followed by 5 hours at room temperature in the vehicle.

The data for samples collected on July 21, 2006 show that the test substance was at the targeted levels ($\pm 4.5\%$ of nominal) and uniformly mixed (C.V.'s = 1%, 0.3%, and 0.5%, respectively).

Test substance was not detected in the 0 mg/mL samples.

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SAMPLE SUBMITTAL

Dosing solutions at concentrations of 4, 20, and 100 mg/mL of H-27579 were submitted on July 7, 2006 for concentration verification/uniformity of mixing, 5-hour room temperature, 10-day refrigerated, and 10-day refrigerated followed by 5-hour room temperature stability analyses. In addition, dosing solutions at same concentrations of H-27579 were submitted for concentration verification/uniformity of mixing analyses on July 21, 2006. The 0 mg/mL (control) sample was submitted for analysis together with each set of samples.

The vehicle for the test substance in the study was Nanopure® water.

METHODS

A. Recovery Sample Analysis

Concurrent with dosing formulation analyses, recovery of H-27579 from spiked Nanopure® water was tested at the low level (approximately 4 mg/mL), the middle level (approximately 20 mg/mL), and the high level (approximately 100 mg/mL) to confirm the analytical method. For 4 and 20 mg/mL spiked levels, appropriate amounts of H-27579 were weighed and prepared in Nanopure® water to dissolve completely. They were then processed and analyzed in the same manner as the dosing samples at the similar concentrations. For the 100 mg/mL spiked level, approximately 50 mg of H-27579 was weighed and dissolved in 100 mL of Nanopure® water. This spiked recovery sample was then processed and analyzed in the same manner as the dosing sample after the initial dilution at the similar concentration.

B. Dosing Solution Treatment

Each dosing sample (0.5 mL) was initially diluted with Nanopure® water to a nominal concentration of 20, 100, and 500 ppm of H-27579 for the 4, 20 and 100 mg/mL dosing samples, respectively. The samples were further diluted to a final expected concentration of 0.25 ppm with Nanopure® water for analysis. Before the solutions were brought to the final volume, the internal standard, 1, 2-di-¹³C perfluorohexanoic acid (1, 2-di-¹³C PFHA), was added to each sample to give an equivalent final concentration of the internal standard in all dosing samples; the 20 and 100 mg/mL samples were matrix corrected with the initial diluted solution of the control sample. The 0 mg/mL sample followed the 4 mg/mL sample dilutions.

DuPont-20639_AN; Page 3**C. Chromatographic Conditions****LC Parameters**

Instrument: Agilent (Hewlett-Packard) 1100 or Waters Alliance 2795 liquid chromatograph

Column: Zorbax® RX-C8, 2.1 x 150 mm, 5 µm

Flow Rate: 0.4 mL/min

Column Temperature: 35°C

Injection Volume: 10 or 20 µL

Mobile Phase:
A) 0.15% Acetic acid in Nanopure® water
B) Acetonitrile

Gradient:

Time (min.)	% Acetonitrile
0.00	5
0.90	5
1.00	80
5.90 or 4.00	80
6.00 or 4.10	5
8.00 or 6.00	5

MS Parameters

Instrument: Waters (Micromass) Quattro Micro

Ionization Mode: Electrospray (ESI), negative ion

Capillary Voltage: 2.7 kV

Cone Voltage: 15 V

Source Temperature: 120°C

Desolvation Temperature: 350°C

Scan Function: Perfluorohexanoic acid (PFHA): 313 m/z (parent) to 269 m/z (daughter)
1, 2-di-¹³C PFHA: 315 m/z (parent) to 270 m/z (daughter)

D. Calibration and Quantitation

Analytical standard of PFHA (H-22703-389, 98.0%) was used for quantitation of this study. A correction factor converting PFHA to NaPFH was used. A stock solution was prepared in Nanopure® water. Before analysis, appropriate aliquots of the stock solution were diluted with Nanopure® water to make calibration standards that bracketed the target concentration of the diluted dosing samples after matrix correction with the initial diluted solution of the control sample. Before these aliquots were brought to the final volume, an appropriate amount of 1, 2-di-¹³C PFHA internal standard was added to give an equivalent final concentration of the internal standard in all standard solutions.

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The 269 m/z daughter ion of PFHA dissociated from H-27579 measured by LC/MS/MS was used against the 270 m/z daughter ion of 1, 2-di-¹³C PFHA internal standard to determine the concentrations of the dosing samples. Peak area ratios (269 m/z peak versus 270 m/z peak) of these standards were used to construct a calibration curve by least square regression (see Figure 1 for a representative calibration curve). Measured concentrations for dosing solutions were determined by applying the peak area ratios from replicate injections of each sample to the calibration curve.

Concentration verification of H-27579 in dosing samples was evaluated by the mean result of the duplicate analyses for each respective dosing level.

Uniformity of mixing of H-27579 in dosing samples was evaluated by calculating the coefficient of variation (C.V. = standard deviation/mean x 100) of the measured concentration in the duplicate analyses of the concentration verification samples. A coefficient of variation of less than or equal to 10% is the standard criterion at Haskell Laboratory for acceptable distribution of the test substance throughout the solution.

Stability of H-27579 in dosing samples was evaluated by using the mean result of the duplicate concentration verification analyses as the baseline for comparing the corresponding stability results.

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ANALYTICAL RESULTS**A. Chromatography**

PFHA dissociated from H-27579 and 1, 2-di-¹³C PFHA eluted as a single peak from the HPLC column with a retention time of approximately 6.0 and 4.2 minutes for Agilent or Waters LC instrument, respectively. The mixture was separated into two resolved daughter ion peaks at 269 m/z and 270 m/z, respectively, by MS/MS detection. Quantitation was performed based on the peak area ratios of 269 m/z to 270 m/z. Representative LC/MS/MS chromatograms are shown in Figures 2(a - e). Test substance was not detected in the 0 mg/mL samples.

B. Recovery Samples

Detailed analytical results of recovery samples are summarized in Table I. The variability of the analytical method was demonstrated by the C.V.'s of the recovery results at each targeted dosing concentration (approximately 4, 20, and 100 mg/mL) over the course of the study. The range of the measured concentrations of H-27579 was from 92.5% to 100.5% of nominal with mean percent recoveries = $98.0\% \pm 2\%$, $96.0\% \pm 3\%$, $96.4\% \pm 4\%$ and C.V.'s = 2%, 3%, 4% for the 3 levels, respectively. Based on these results, the analytical method performed satisfactory for the concentration range of the dosing samples in the study.

C. Concentration Verification/Uniformity of Mixing, 5-Hour Room Temperature, 10-Day Refrigerated, and 10-Day Refrigerated Followed by 5-Hour Room Temperature Stability Samples

Analytical results from dosing solutions prepared on July 7, 2006 analyzed for concentration verification/uniformity of mixing, 5-hour room temperature, 10-day refrigerated, and 10-day refrigerated followed by 5-hour room temperature stability are shown in Table II and Summary Table 1.

The following table summarizes the results for concentration verification/uniformity of mixing, 5-hour room temperature, 10-day refrigerated, and 10-day refrigerated followed by 5-hour room temperature stability analyses.

Preparation Date	Nominal mg/mL	Measured ^a mg/mL	Average % Nominal	C.V. (%)	Stability ^b % Nominal
7-July-06	0	ND ^c	---	---	---
	4	3.93, 3.93	98.3	0.0	96.0
	20	18.9, 19.6	96.5	3	103.0
	100	94.0, 96.5	95.3	2	95.8
10-Day Refrigerated	0	ND	---	---	---
	4	4.00, 4.13	101.8	2	79.8
	20	21.5, 20.7	105.5	3	99.5
	100	103, 100	102.0	2	102.0

a Duplicate samples analyzed.

b Stability samples held for 5 hours at room temperature.

c Denotes not detected.

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The data for samples collected on July 7, 2006 show that the test substance was at the targeted levels ($\pm 4.7\%$ of nominal), uniformly mixed (C.V.'s = 0.0%, 3%, and 2%, respectively), and stable when held for 5 hours at room temperature in the vehicle.

The data for samples collected on July 7, 2006 and refrigerated for 10 days then analyzed for stability show that the test substance was at the targeted levels ($\pm 5.5\%$ of nominal), uniformly mixed (C.V.'s = 2%, 3%, and 2%, respectively), and stable for 10-day refrigeration and 10-day refrigeration followed by 5 hours at room temperature in the vehicle.

Test substance was not detected in the 0 mg/mL samples.

D. Concentration Verification/Uniformity of Mixing Samples

Analytical results from dosing solutions prepared on July 21, 2006 analyzed for concentration verification/uniformity of mixing are shown in Table III and Summary Table 1.

The following table summarizes the results for concentration verification/uniformity of mixing analyses.

Preparation Date	Nominal mg/mL	Measured ^a mg/mL	Average % Nominal	C.V. (%)
21-July-06	0	ND ^b	---	---
	4	3.79, 3.85	95.5	1
	20	20.6, 20.5	103.0	0.3
	100	98.5, 97.8	98.2	0.5

a Duplicate samples analyzed.

b Denotes not detected.

The data for samples collected on July 21, 2006 show that the test substance was at the targeted levels ($\pm 4.5\%$ of nominal) and uniformly mixed (C.V.'s = 1%, 0.3%, and 0.5%, respectively). Test substance was not detected in the 0 mg/mL sample.

E. Conclusion

Data from the analysis of the samples during the study indicate that the test substance was at the targeted concentrations, mixed uniformly, and stable under the conditions of the study. Test substance was not found in the 0 mg/mL samples.

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Table I. Recovery of H-27579 Added to Dosing Vehicle

Sample Type	H-27579 (mg/mL)		Percent Nominal
	Nominal	Measured	
RECOVERY ^(A)	4.02	3.88	96.5
RECOVERY ^(B)	3.99	4.01	100.5
RECOVERY ^(C)	4.11	3.99	97.1
		<i>Mean:</i>	98.0 ± 2
			<i>C.V. 2%</i>
RECOVERY ^(A)	21.2	19.6	92.5
RECOVERY ^(B)	20.9	20.2	96.7
RECOVERY ^(C)	22.5	22.2	98.7
		<i>Mean:</i>	96.0 ± 3
			<i>C.V. 3%</i>
RECOVERY ^(A)	104	104	100.0
RECOVERY ^(B)	102	98.1	96.2
RECOVERY ^(C)	106	98.6	93.0
		<i>Mean:</i>	96.4 ± 4
			<i>C.V. 4%</i>

^(A) Processed with dosing samples submitted on July 7, 2006 for concentration verification/uniformity of mixing and 5-hour room temperature stability analyses.

^(B) Processed with dosing samples submitted on July 7, 2006 for 10-day refrigerated and 10-day refrigerated followed by 5-hour room temperature stability analyses.

^(C) Processed with dosing samples submitted on July 21, 2006 for concentration verification/uniformity of mixing analyses.

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Table II. Concentration Verification/Uniformity of Mixing, 5-Hour Room Temperature, 10-Day Refrigerated, and 10-Day Refrigerated Followed by 5-Hour Room Temperature Stability of H-27579 in Dosing Solutions

Sample Date Sample Type	H-27579 (mg/mL) ^(A)		Percent Nominal
	Nominal	Measured	
7-July-2006			
<u>Concentration Verification</u>			
Control	0	ND ^(B)	----
#1	4	3.93	98.3
#2	4	<u>3.93</u>	98.3
		<i>Mean:</i> 3.93 ± 0.0	(98.3)
		<i>C.V. 0.0%</i>	
#1	20	18.9	94.5
#2	20	<u>19.6</u>	98.0
		<i>Mean:</i> 19.3 ± 0.5	(96.5)
		<i>C.V. 3%</i>	
#1	100	94.0	94.0
#2	100	<u>96.5</u>	96.5
		<i>Mean:</i> 95.3 ± 2	(95.3)
		<i>C.V. 2%</i>	
<u>Stability^(C)</u>			
	4	3.84	96.0
	20	20.6	103.0
	100	95.8	95.8
<u>10-Day Refrigerated</u>			
Control	0	ND	----
#1	4	4.00	100.0
#2	4	<u>4.13</u>	103.3
		<i>Mean:</i> 4.07 ± 0.1	(101.8)
		<i>C.V. 2%</i>	
#1	20	21.5	107.5
#2	20	<u>20.7</u>	103.5
		<i>Mean:</i> 21.1 ± 0.6	(105.5)
		<i>C.V. 3%</i>	
#1	100	103	103.0
#2	100	<u>100</u>	100.0
		<i>Mean:</i> 102 ± 2	(102.0)
		<i>C.V. 2%</i>	
<u>Stability</u>			
	4	3.19	79.8
	20	19.9	99.5
	100	102	102.0

(A) Duplicate analyses per level performed for concentration verification. Mean, S.D. and C.V. calculated to verify uniformity of mixing.

(B) Denotes not detected.

(C) Samples held at room temperature for 5 hours.

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Table III. Concentration Verification/Uniformity of Mixing of H-27579 in Dosing Solutions

Sample Date Sample Type	H-27579 (mg/mL) ^(A)		Sample Date Nominal
	Nominal	Sample Type	
21-July-2006			
<u>Concentration Verification</u>			
Control	0	ND ^(B)	----
#1	4	3.79	94.8
#2	4	<u>3.85</u>	96.3
		<i>Mean: 3.82 ± 0.04</i>	<i>(95.5)</i>
		<i>C.V. 1%</i>	
#1	20	20.6	103.0
#2	20	<u>20.5</u>	102.5
		<i>Mean: 20.6 ± 0.1</i>	<i>(103.0)</i>
		<i>C.V. 0.3%</i>	
#1	100	98.5	98.5
#2	100	<u>97.8</u>	97.8
		<i>Mean: 98.2 ± 0.5</i>	<i>(98.2)</i>
		<i>C.V. 0.5%</i>	

(A) Duplicate analyses per level performed for concentration verification. Mean, S.D. and C.V. calculated to verify uniformity of mixing.

(B) Denotes not detected.

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Figure 1
Representative Analytical Calibration Curve

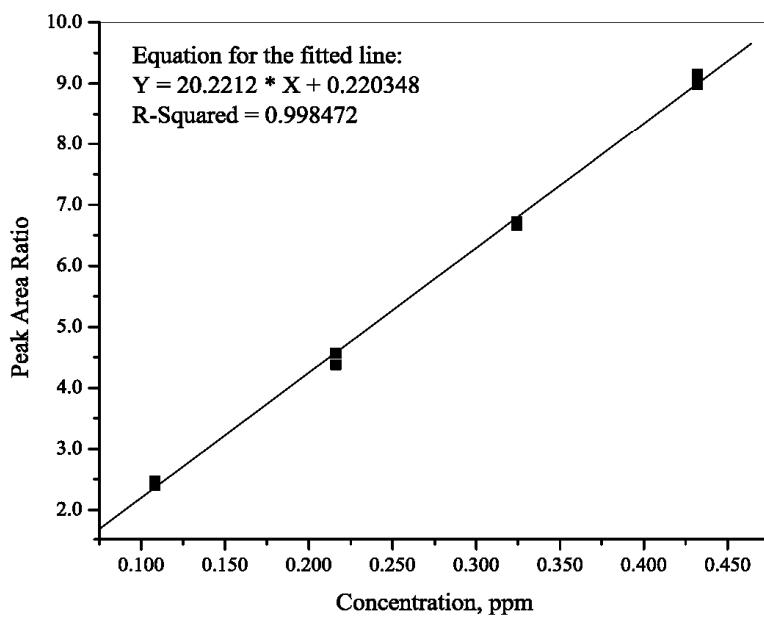


Figure 1: Calibration curve showing linear fit (line) to replicate peak area ratio measurements (squares) for matrix matched calibration solutions of H-27579 diluted over a concentration range of 0.108 to 0.432 ppm.

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Figure 2
Representative LC/MS/MS Chromatograms

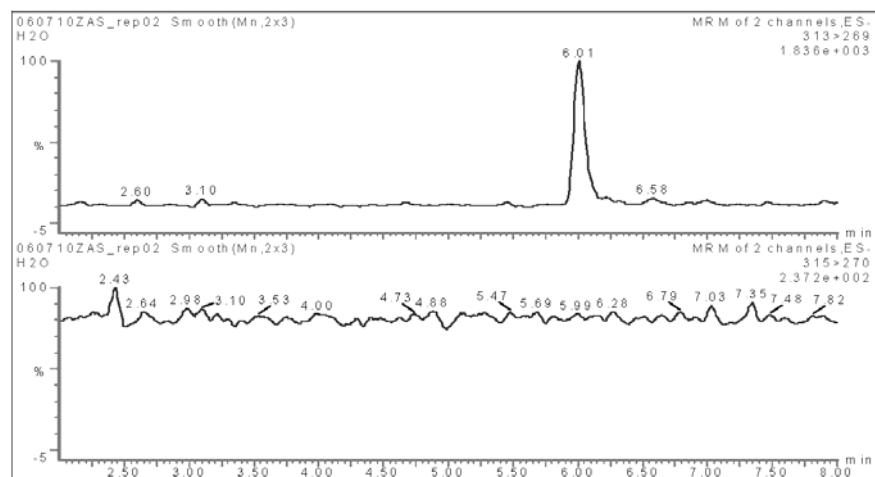


Figure 2a: Representative LC/MS/MS chromatogram of Nanopure® water used as the diluent in the study. Retention time for PFHA is approximately 6.0 minutes.

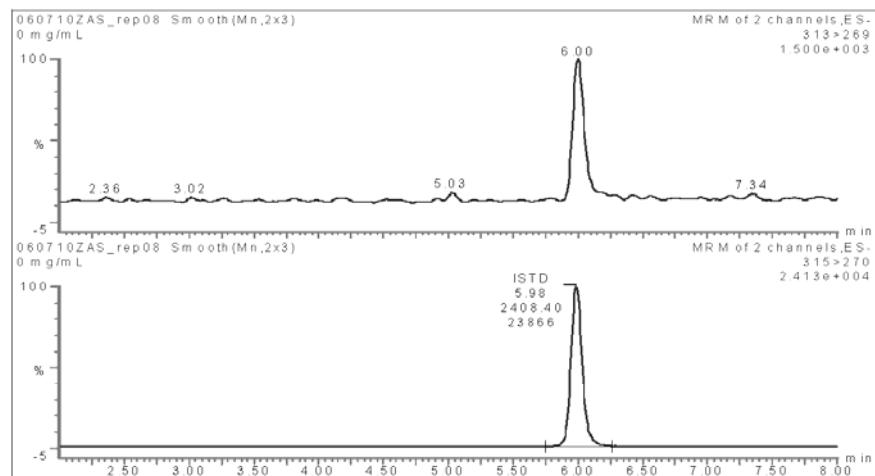


Figure 2b: Representative LC/MS/MS chromatogram of 0 mg/mL control sample. Retention time for PFHA is approximately 6.0 minutes.

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Figure 2 (continued)
Representative LC/MS/MS Chromatograms

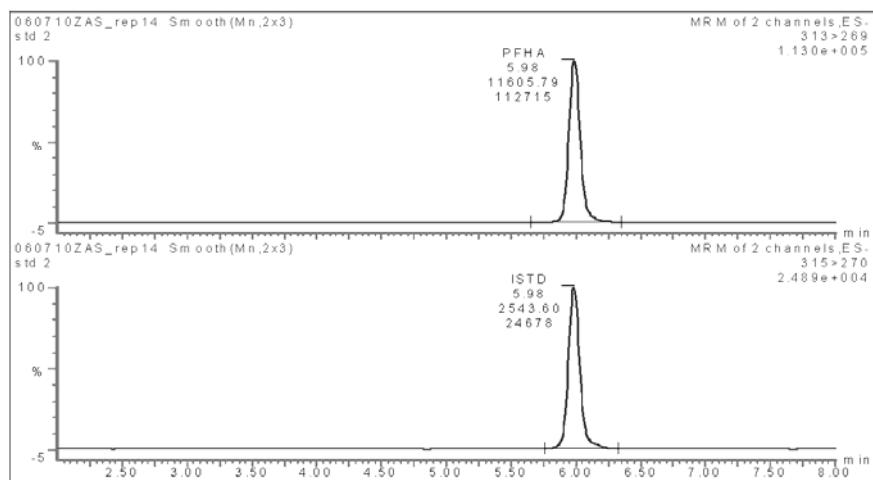


Figure 2c: Representative LC/MS/MS chromatogram of 0.216 ppm analytical standard (H22703-389) diluted with Nanopure® water after matrix correction.

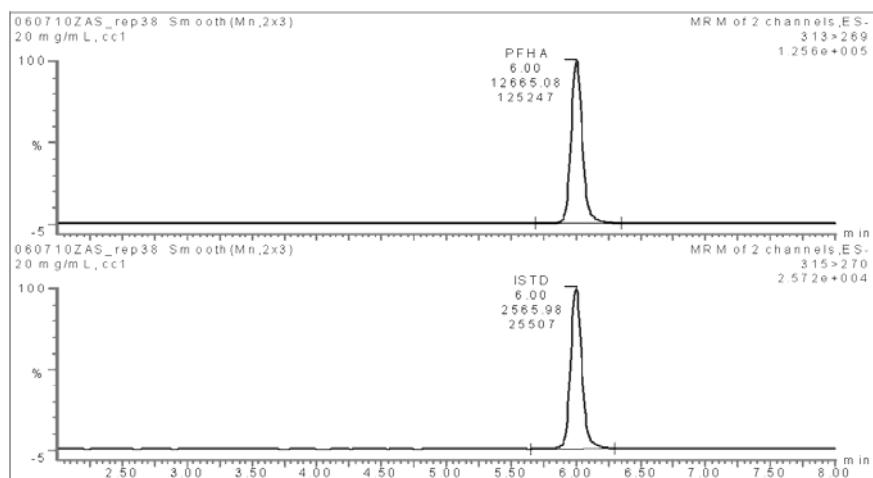


Figure 2d: Representative LC/MS/MS chromatogram of 20 mg/mL H-27579 dosing solution diluted to a nominal concentration of 0.25 ppm.

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Figure 2 (continued)
Representative LC/MS/MS Chromatograms

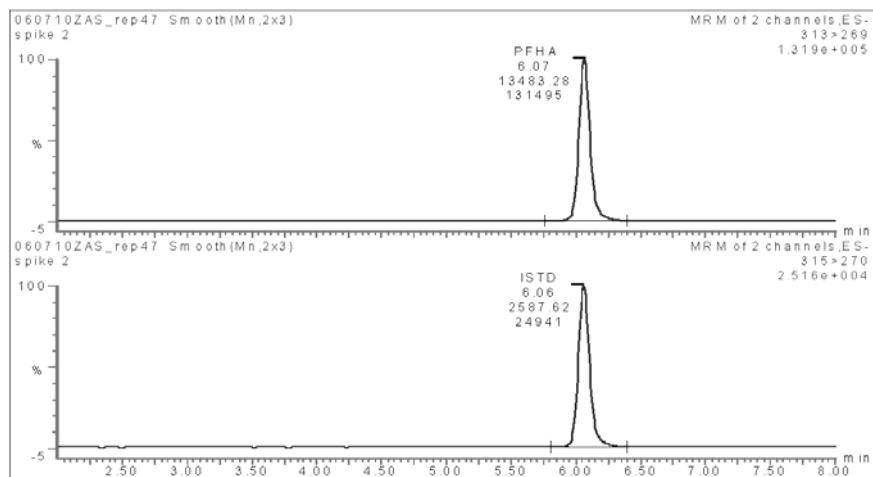


Figure 2e: Representative LC/MS/MS chromatogram of the 21.2 mg/mL level recovery sample of H-27579 diluted with Nanopure® water after matrix correction.

Table 1
Summary of Dosing Solution Analyses

Sample Type	Dosing Concentrations of H-27579 (mg/mL)		
Sample Date	Nominal :	4	20
		100	
<u>Concentration Verification</u>			
7/7/06			
#1		3.93 (98.3) ^a	18.9 (94.5)
#2		3.93 (98.3)	19.6 (98.0)
Average Measured Concentration^b	3.93	19.3	95.3
Average Percent Nominal^b	(98.3)	(96.5)	(95.3)
Standard Deviation^b	± 0.0	± 0.5	± 2
Coefficient of Variation^b	0.0%	3%	2%
<u>Stability^c</u>		3.84 (96.0)	20.6 (103.0)
			95.8 (95.8)
<u>10-Day Refrigerated</u>			
#1		4.00 (100.0)	21.5 (107.5)
#2		4.13 (103.3)	20.7 (103.5)
Average Measured Concentration	4.07	21.1	102
Average Percent Nominal	(101.8)	(105.5)	(102.0)
Standard Deviation	± 0.1	± 0.6	± 2
Coefficient of Variation	2%	3%	2%
<u>Stability</u>		3.19 (79.8)	19.9 (99.5)
			102 (102.0)
<u>Concentration Verification</u>			
7/21/06			
#1		3.79 (94.8)	20.6 (103.0)
#2		3.85 (96.3)	20.5 (102.5)
Average Measured Concentration	3.82	20.6	98.2
Average Percent Nominal	(95.5)	(103.0)	(98.2)
Standard Deviation	± 0.04	± 0.1	± 0.5
Coefficient of Variation	1%	0.3%	0.5%

^a Numbers in parentheses are the respective percent of nominal values.

^b Mean, standard deviation, and coefficient of variation for duplicate analyses calculated to verify uniformity of mixing.

^c Samples held at room temperature for 5 hours.

Appendix D
Individual Maternal Clinical Observations

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day						
						6 Predose	6 Postdose	7 Predose	7 Postdose	8 Predose	8 Postdose	9 Predose
1f	101	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	102	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	103	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	104	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	105	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	106	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	107	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	108	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	109	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	110	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	111	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	112	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	113	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	114	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						9 Postdose	10 Predose	10 Postdose	11 Predose	11 Postdose	12 Predose	12 Postdose	
1f	101	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	102	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	103	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	104	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	105	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	106	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	107	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	108	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	109	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	110	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	111	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	112	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	113	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	114	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						13 Predose	13 Postdose	14 Predose	14 Postdose	15 Predose	15 Postdose	16 Predose	
1f	101	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	102	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	103	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	104	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	105	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	106	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	107	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	108	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	109	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	110	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	111	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	112	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	113	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	114	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						16 Postdose	17 Predose	17 Postdose	18 Predose	18 Postdose	19 Predose	19 Postdose	
1f	101	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	102	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	103	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	104	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	105	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	106	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	107	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	108	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	109	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	110	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	111	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	112	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	113	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	114	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day		
						20 Predose	20 Postdose	21 Predose
1f	101	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	102	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	103	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	104	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	105	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	106	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	107	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	108	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	109	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	110	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	111	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	112	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	113	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	114	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day						
						6 Predose	6 Postdose	7 Predose	7 Postdose	8 Predose	8 Postdose	9 Predose
1f	115	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	116	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	117	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	118	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	119	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	120	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	121	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	122	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						9 Postdose	10 Predose	10 Postdose	11 Predose	11 Postdose	12 Predose	12 Postdose	
1f	115	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	116	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	117	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	118	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	119	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	120	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	121	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	122	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						13 Predose	13 Postdose	14 Predose	14 Postdose	15 Predose	15 Postdose	16 Predose	
1f	115	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	116	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	117	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	118	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	119	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	120	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	121	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	122	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						16 Postdose	17 Predose	17 Postdose	18 Predose	18 Postdose	19 Predose	19 Postdose	
1f	115	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	116	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	117	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	118	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	119	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	120	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	121	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	122	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day		
						20 Predose	20 Postdose	21 Predose
1f	115	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	116	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	117	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	118	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	119	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	120	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	121	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	122	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day						
						6 Predose	6 Postdose	7 Predose	7 Postdose	8 Predose	8 Postdose	9 Predose
2f	201	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	202	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	203	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	204	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	205	No	Abnormalities Detected			X	X	X	X	X	X	X
		Hair loss		Forelimb left		.	.	.	.	.	.	.
		Scheduled	sacrifice			.	.	.	.	.	.	.
	206	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	207	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	208	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	209	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	210	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	211	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	212	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	213	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						9 Postdose	10 Predose	10 Postdose	11 Predose	11 Postdose	12 Predose	12 Postdose	
2f	201	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	202	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	203	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	204	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	205	No	Abnormalities Detected		Hair loss Forelimb left	X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	206	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	207	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	208	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	209	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	210	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	211	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	212	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	213	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						13 Predose	13 Postdose	14 Predose	14 Postdose	15 Predose	15 Postdose	16 Predose	
2f	201	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	202	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	203	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	204	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	205	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Hair loss		Forelimb left		.	.	.	.	.	.	.
		Scheduled	sacrifice			.	.	.	.	.	.	.
	206	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	207	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	208	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	209	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	210	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	211	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	212	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	213	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						16 Postdose	17 Predose	17 Postdose	18 Predose	18 Postdose	19 Predose	19 Postdose	
2f	201	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	202	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	203	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	204	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	205	No	Abnormalities Detected		Hair loss Forelimb left	X	X	X	X	.	.	.	
		Scheduled	sacrifice			.	.	.	.	X	X	X
	206	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	207	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	208	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	209	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	210	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	211	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	212	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	213	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day		
						20 Predose	20 Postdose	21 Predose
2f	201	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	202	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	203	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	204	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	205	No	Abnormalities Detected			.	.	.
		Hair loss		Forelimb left		X	X	X
		Scheduled	sacrifice			.	.	X
	206	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	207	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	208	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	209	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	210	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	211	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	212	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	213	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal Sex	Number	Clinical Sign	Site	Gestation Day						
					6 Predose	6 Postdose	7 Predose	7 Postdose	8 Predose	8 Postdose	9 Predose
2f	214	No Abnormalities Detected			X	X	X	X	X	X	X
		Hair loss		Forelimb bilateral	.	.	.	.	.	.	.
		Scheduled sacrifice			.	.	.	.	.	.	.
	215	No Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled sacrifice			.	.	.	.	.	.	.
	216	No Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled sacrifice			.	.	.	.	.	.	.
	217	No Abnormalities Detected			X	X	X	X	X	X	X
		Hair loss		Forelimb bilateral	.	.	.	.	.	.	.
		Scheduled sacrifice			.	.	.	.	.	.	.
	218	No Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled sacrifice			.	.	.	.	.	.	.
	219	No Abnormalities Detected			X	X	X	X	X	X	X
		Hair loss		Forelimb bilateral	.	.	.	.	.	.	.
		Scheduled sacrifice			.	.	.	.	.	.	.
	220	No Abnormalities Detected			X	X	X	X	X	X	X
		Hair loss		Forelimb bilateral	.	.	.	.	.	.	.
		Scheduled sacrifice			.	.	.	.	.	.	.
	221	No Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled sacrifice			.	.	.	.	.	.	.
	222	No Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal Number	Sex	Clinical Sign	Site	Gestation Day							
					9 Postdose	10 Predose	10 Postdose	11 Predose	11 Postdose	12 Predose	12 Postdose	
2f	214	No Abnormalities Detected	Hair loss	Forelimb bilateral	X	X	X	X	X	X	X	
		Scheduled sacrifice			.	.	.	.	.	.	.
	215	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	
		No Abnormalities Detected	Scheduled sacrifice		.	.	.	.	.	.	.
	216	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	
		No Abnormalities Detected	Scheduled sacrifice		.	.	.	.	.	.	.
	217	No Abnormalities Detected	Hair loss	Forelimb bilateral	X	.	.	.	.	.	.
		Scheduled sacrifice			.	X	X	X	X	X	X	
	218	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	
		No Abnormalities Detected	Scheduled sacrifice		.	.	.	.	.	.	.
	219	No Abnormalities Detected	Hair loss	Forelimb bilateral	X	X	X	X	X	X	X	
		Scheduled sacrifice			.	.	.	.	.	.	.
	220	No Abnormalities Detected	Hair loss	Forelimb bilateral	X	X	X	X	X	X	X	
		Scheduled sacrifice			.	.	.	.	.	.	.
	221	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	
		No Abnormalities Detected	Scheduled sacrifice		.	.	.	.	.	.	.
	222	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	
		No Abnormalities Detected	Scheduled sacrifice		.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal Number	Sex	Clinical Sign	Site	Gestation Day							
					13 Predose	13 Postdose	14 Predose	14 Postdose	15 Predose	15 Postdose	16 Predose	
2f	214	No Abnormalities Detected	Hair loss	Forelimb bilateral	X	X	X	X	X	X	X	
		Scheduled sacrifice			.	.	.	.	.	.	.
	215	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	
	216	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	
	217	No Abnormalities Detected	Hair loss	Forelimb bilateral	.	.	.	.	.	.	.
		Scheduled sacrifice			X	X	X	X	X	X	X	
	218	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	
	219	No Abnormalities Detected	Hair loss	Forelimb bilateral	X	X	X	X	X	.	.	
		Scheduled sacrifice			.	.	.	.	.	X	X
	220	No Abnormalities Detected	Hair loss	Forelimb bilateral	X	X	X	X	X	X	X	
		Scheduled sacrifice			.	.	.	.	.	.	.
	221	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	
	222	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal Number	Sex	Clinical Sign	Site	Gestation Day							
					16 Postdose	17 Predose	17 Postdose	18 Predose	18 Postdose	19 Predose	19 Postdose	
2f	214	No Abnormalities Detected	Hair loss	Forelimb bilateral	.	.	.	.	.	.	.
		Scheduled sacrifice			X	X	X	X	X	X	X	
	215	No Abnormalities Detected	Scheduled sacrifice		.	.	.	.	.	.	.
	216	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	
	217	No Abnormalities Detected	Hair loss	Forelimb bilateral	.	.	.	.	.	.	.
		Scheduled sacrifice			X	X	X	X	X	X	X	
	218	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	
	219	No Abnormalities Detected	Hair loss	Forelimb bilateral	.	.	.	.	.	.	.
		Scheduled sacrifice			X	X	X	X	X	X	X	
	220	No Abnormalities Detected	Hair loss	Forelimb bilateral	X	.	.	.	.	.	.
		Scheduled sacrifice			.	.	.	.	.	.	.
	221	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	
	222	No Abnormalities Detected	Scheduled sacrifice		X	X	X	X	X	X	X	

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Gestation Day

Group	Animal		20	20	21	
Sex	Number	Clinical Sign	Site	Predose	Postdose	Predose
2f	214	No Abnormalities Detected		.	.	.
		Hair loss	Forelimb bilateral	X	X	X
		Scheduled sacrifice		.	.	X
	215	No Abnormalities Detected		X	X	X
		Scheduled sacrifice		.	.	X
	216	No Abnormalities Detected		X	X	X
		Scheduled sacrifice		.	.	X
	217	No Abnormalities Detected		.	.	.
		Hair loss	Forelimb bilateral	X	X	X
		Scheduled sacrifice		.	.	X
	218	No Abnormalities Detected		X	X	X
		Scheduled sacrifice		.	.	X
	219	No Abnormalities Detected		.	.	.
		Hair loss	Forelimb bilateral	X	X	X
		Scheduled sacrifice		.	.	X
	220	No Abnormalities Detected		.	.	.
		Hair loss	Forelimb bilateral	X	X	X
		Scheduled sacrifice		.	.	X
	221	No Abnormalities Detected		X	X	X
		Scheduled sacrifice		.	.	X
	222	No Abnormalities Detected		X	X	X
		Scheduled sacrifice		.	.	X

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day						
						6 Predose	6 Postdose	7 Predose	7 Postdose	8 Predose	8 Postdose	9 Predose
3f	301	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	302	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	303	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	304	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	305	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	306	Missing		Toe hindpaw left		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
		Swollen		Hindlimb left		X	X	X	X	X	X	X
	307	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	308	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	309	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	310	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	311	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	312	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	313	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	314	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						9 Postdose	10 Predose	10 Postdose	11 Predose	11 Postdose	12 Predose	12 Postdose	
3f	301	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	302	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	303	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	304	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	305	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	306	Missing		Toe hindpaw left		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
		Swollen		Hindlimb left		X	X	X	X	X	X	X	
	307	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	308	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	309	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	310	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	311	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	312	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	313	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	314	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						13 Predose	13 Postdose	14 Predose	14 Postdose	15 Predose	15 Postdose	16 Predose	
3f	301	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	302	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	303	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	304	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	305	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	306	Missing		Toe hindpaw left		X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
		Swollen		Hindlimb left		X	X	X	X	X	X	X	X
	307	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	308	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	309	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	310	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	311	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	312	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	313	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	314	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						16 Postdose	17 Predose	17 Postdose	18 Predose	18 Postdose	19 Predose	19 Postdose	
3f	301	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	302	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	303	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	304	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	305	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	306	Missing		Toe hindpaw left		X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
		Swollen		Hindlimb left		X	X	X	X	X	X	X	X
	307	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	308	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	309	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	310	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	311	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	312	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	313	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	314	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day		
						20 Predose	20 Postdose	21 Predose
3f	301	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	302	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	303	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	304	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	305	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	306	Missing		Toe hindpaw left		X	X	X
		Scheduled	sacrifice			.	.	X
		Swollen		Hindlimb left		X	X	X
	307	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	308	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	309	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	310	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	311	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	312	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	313	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	314	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day						
						6 Predose	6 Postdose	7 Predose	7 Postdose	8 Predose	8 Postdose	9 Predose
3f	315	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	316	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	317	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	318	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	319	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	320	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	321	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	322	No	Abnormalities	Detected		X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						9 Postdose	10 Predose	10 Postdose	11 Predose	11 Postdose	12 Predose	12 Postdose	
3f	315	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	316	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	317	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	318	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	319	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	320	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	321	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	322	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						13 Predose	13 Postdose	14 Predose	14 Postdose	15 Predose	15 Postdose	16 Predose	
3f	315	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	316	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	317	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	318	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	319	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	320	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	321	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	322	No	Abnormalities	Detected		X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						16 Postdose	17 Predose	17 Postdose	18 Predose	18 Postdose	19 Predose	19 Postdose	
3f	315	No	Abnormalities	Detected		X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	316	No	Abnormalities	Detected		X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	317	No	Abnormalities	Detected		X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	318	No	Abnormalities	Detected		X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	319	No	Abnormalities	Detected		X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	320	No	Abnormalities	Detected		X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	321	No	Abnormalities	Detected		X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	322	No	Abnormalities	Detected		X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day		
						20 Predose	20 Postdose	21 Predose
3f	315	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	316	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	317	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	318	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	319	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	320	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	321	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X
	322	No	Abnormalities	Detected		X	X	X
		Scheduled	sacrifice			.	.	X

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day						
						6 Predose	6 Postdose	7 Predose	7 Postdose	8 Predose	8 Postdose	9 Predose
4f	401	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	402	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	403	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	404	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	405	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	406	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	407	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	408	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	409	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	410	No	Abnormalities Detected			X	X	X	X	X	X	X
		Hair loss	Forelimb bilateral			.	.	.	.	.	.	.
		Scheduled	sacrifice			.	.	.	.	.	.	.
	411	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	412	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	413	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	414	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						9 Postdose	10 Predose	10 Postdose	11 Predose	11 Postdose	12 Predose	12 Postdose	
4f	401	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	402	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	403	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	404	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	405	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	406	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	407	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	408	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	409	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	410	No	Abnormalities Detected			X	X	X	X	X	.	.	
		Hair loss	Forelimb bilateral			.	.	.	.	.	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	411	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	412	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	413	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	414	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						13 Predose	13 Postdose	14 Predose	14 Postdose	15 Predose	15 Postdose	16 Predose	
4f	401	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	402	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	403	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	404	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	405	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	406	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	407	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	408	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	409	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	410	No	Abnormalities Detected			.	.	.	.	.	.	.
		Hair loss	Forelimb bilateral			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	411	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	412	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	413	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	414	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						16 Postdose	17 Predose	17 Postdose	18 Predose	18 Postdose	19 Predose	19 Postdose	
4f	401	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	402	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	403	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	404	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	405	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	406	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	407	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	408	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	409	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	410	No	Abnormalities Detected			.	.	.	.	.	.	.	.
		Hair loss	Forelimb bilateral			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	411	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	412	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	413	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.
	414	No	Abnormalities Detected			X	X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day		
						20 Predose	20 Postdose	21 Predose
4f	401	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	402	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	403	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	404	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	405	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	406	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	407	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	408	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	409	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	410	No	Abnormalities Detected			.	.	.
		Hair loss		Forelimb bilateral		X	X	X
		Scheduled	sacrifice			.	.	X
	411	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	412	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	413	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X
	414	No	Abnormalities Detected			X	X	X
		Scheduled	sacrifice			.	.	X

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day						
						6 Predose	6 Postdose	7 Predose	7 Postdose	8 Predose	8 Postdose	9 Predose
4f	415	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	416	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	417	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	418	No	Abnormalities Detected			X	X	X	X	X	X	X
		Breathing - lung noise				.	.	.	.	.	.	.
		Discharge - brown	Nose			.	.	.	.	.	.	.
		Scheduled	sacrifice			.	.	.	.	.	.	.
		Stained skin/fur - yellow	Perineum			.	.	.	.	.	.	.
		Wet fur	Perineum			.	.	.	.	.	.	.
	419	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	420	No	Abnormalities Detected			X	X	X	X	X	X	X
		Hair loss	Forelimb bilateral			.	.	.	.	.	.	.
		Scheduled	sacrifice			.	.	.	.	.	.	.
	421	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	422	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						9 Postdose	10 Predose	10 Postdose	11 Predose	11 Postdose	12 Predose	12 Postdose	
4f	415	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	416	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	417	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	418	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Breathing - lung noise				.	.	.	.	.	.	.
		Discharge - brown	Nose			.	.	.	.	.	.	.
		Scheduled	sacrifice			.	.	.	.	.	.	.
		Stained skin/fur - yellow	Perineum			.	.	.	.	.	.	.
		Wet fur	Perineum			.	.	.	.	.	.	.
	419	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	420	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Hair loss	Forelimb bilateral			.	.	.	.	.	.	.
		Scheduled	sacrifice			.	.	.	.	.	.	.
	421	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	422	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day							
						13 Predose	13 Postdose	14 Predose	14 Postdose	15 Predose	15 Postdose	16 Predose	
4f	415	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	416	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	417	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	418	No	Abnormalities Detected			.	.	X	X	X	X	X	
		Breathing - lung	noise			.	.	.	.	.	.	.
		Discharge - brown		Nose		X	X	.	.	.	.	.
		Scheduled	sacrifice			.	.	.	.	.	.	.
		Stained skin/fur - yellow		Perineum		.	.	.	.	.	.	.
		Wet fur		Perineum		X	X	.	.	.	.	.
	419	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	420	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Hair loss		Forelimb bilateral		.	.	.	.	.	.	.
		Scheduled	sacrifice			.	.	.	.	.	.	.
	421	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.
	422	No	Abnormalities Detected			X	X	X	X	X	X	X	
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day						
						16 Postdose	17 Predose	17 Postdose	18 Predose	18 Postdose	19 Predose	19 Postdose
4f	415	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	416	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	417	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	418	No	Abnormalities Detected			X	X	X	X	X	X	X
		Breathing - lung noise				.	.	.	.	.	.	.
		Discharge - brown	Nose			.	.	.	.	.	.	.
		Scheduled	sacrifice			.	.	.	.	.	.	.
		Stained skin/fur - yellow	Perineum			.	.	.	.	.	.	.
		Wet fur	Perineum			.	.	.	.	.	.	.
	419	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	420	No	Abnormalities Detected			X	X	X	.	.	.	.
		Hair loss	Forelimb bilateral			.	.	.	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	421	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.
	422	No	Abnormalities Detected			X	X	X	X	X	X	X
		Scheduled	sacrifice			.	.	.	.	.	.	.

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Clinical Observations

Group	Animal	Sex	Number	Clinical Sign	Site	Gestation Day		
						20 Predose	20 Postose	21 Predose
4f	415	No Abnormalities Detected				X	X	X
		Scheduled sacrifice				.	.	X
	416	No Abnormalities Detected				X	X	X
		Scheduled sacrifice				.	.	X
	417	No Abnormalities Detected				X	X	X
		Scheduled sacrifice				.	.	X
	418	No Abnormalities Detected				.	.	.
		Breathing - lung noise				X	X	.
		Discharge - brown	Nose			.	.	.
		Scheduled sacrifice				.	.	X
		Stained skin/fur - yellow	Perineum			X	X	X
		Wet fur	Perineum			.	.	.
	419	No Abnormalities Detected				X	X	X
		Scheduled sacrifice				.	.	X
	420	No Abnormalities Detected				.	.	.
		Hair loss	Forelimb bilateral			X	X	X
		Scheduled sacrifice				.	.	X
	421	No Abnormalities Detected				X	X	X
		Scheduled sacrifice				.	.	X
	422	No Abnormalities Detected				X	X	X
		Scheduled sacrifice				.	.	X

X = Present

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Appendix E
Individual Maternal Body Weights

Group Sex	Animal Number	Pregnancy Outcome	Gestation Day								
			6	7	8	9	10	11	12	13	
1f	101	PC	234.5	238.5	243.3	250.2	257.9	263.5	278.6	282.4	
	102	PC	233.3	237.1	244.6	247.6	257.7	261.8	274.7	281.3	
	103	PC	233.6	242.9	245.9	257.7	269.0	271.1	277.8	291.0	
	104	PC	231.7	240.4	244.0	251.5	257.3	261.9	274.8	287.8	
	105	PC	221.0	223.9	223.4	234.4	240.5	249.8	259.5	267.8	
	106	PC	225.7	232.9	238.8	244.4	252.9	257.0	267.6	276.7	
	107	PC	213.3	220.3	230.6	234.9	244.7	258.6	267.3	270.0	
	108	PC	244.1	252.1	258.8	259.5	274.0	285.2	294.0	295.3	
	109	PC	260.8	268.2	275.9	284.4	292.0	281.7	260.9	295.2	
	110	PC	226.3	230.3	232.7	239.5	245.1	254.6	267.6	270.6	
	111	PC	216.8	221.4	227.8	239.3	242.7	252.5	256.6	263.9	
	112	PC	228.7	232.7	238.5	248.8	249.8	265.4	270.4	276.2	
	113	PC	225.0	231.2	236.3	245.9	255.0	257.5	271.3	279.2	
	114	PC	231.5	238.2	245.5	255.5	262.7	274.7	283.3	278.3	
	115	PC	242.1	248.0	253.8	263.1	267.8	279.5	287.9	283.2	
	116	PC	255.3	264.4	270.0	281.2	282.1	298.3	301.3	306.8	
	117	PC	235.1	242.6	248.7	247.9	257.3	262.9	271.4	277.5	
	118	PC	248.7	252.3	258.0	267.6	274.7	283.2	288.4	303.3	
	119	PC	228.2	228.5	236.3	242.7	253.9	255.7	259.7	271.0	
	120	PC	239.9	244.0	246.0	256.3	266.1	274.8	273.6	290.3	
	121	PC	256.9	260.4	266.3	277.1	285.6	294.9	298.6	313.5	
	122	PC	245.8	254.8	258.8	271.9	280.6	289.9	294.2	309.5	
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Mean			235.38	241.14	246.55	254.61	262.25	269.75	276.34	285.04	
S.D.			12.71	13.46	13.77	14.50	14.57	14.40	13.10	14.11	
N			22	22	22	22	22	22	22	22	

= Animal not pregnant and has been excluded from statistics

PC = Pregnant Caesarian, PL = Pregnant Littered, NP = Not Pregnant, ND = Not Determined

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Group Sex	Animal Number	Pregnancy Outcome	Individual Maternal Body Weights (grams)							
			Gestation Day							
			14	15	16	17	18	19	20	21
1f	101	PC	289.2	287.8	303.2	319.6	336.0	345.7	364.6	378.3
	102	PC	287.9	284.3	303.3	310.5	324.4	341.0	356.1	373.9
	103	PC	291.9	299.9	316.9	328.4	346.1	371.2	383.3	406.1
	104	PC	286.7	287.5	313.9	319.2	333.5	356.6	369.1	388.7
	105	PC	276.3	277.3	290.2	297.6	309.5	329.1	342.8	354.8
	106	PC	284.6	282.4	304.0	313.0	329.5	351.7	365.8	378.4
	107	PC	279.4	291.9	298.5	315.2	337.2	352.6	365.3	387.1
	108	PC	293.4	312.6	320.9	341.9	359.2	369.4	387.7	414.6
	109	PC	306.7	320.9	333.7	351.9	377.9	393.2	408.2	443.7
	110	PC	269.8	281.4	288.9	303.0	323.9	337.8	345.6	367.2
	111	PC	261.8	271.8	280.3	294.6	312.9	327.0	341.6	370.8
	112	PC	282.6	288.8	299.8	314.9	332.4	344.2	357.9	384.9
	113	PC	291.0	297.2	307.6	329.2	344.3	362.2	375.6	407.3
	114	PC	300.1	304.4	315.8	333.5	350.3	358.2	372.1	387.1
	115	PC	301.4	313.3	324.3	343.7	363.4	376.1	390.3	413.9
	116	PC	327.9	337.3	349.8	376.3	395.1	407.7	432.4	457.0
	117	PC	286.6	292.6	304.2	331.4	338.8	353.2	378.2	408.9
	118	PC	314.4	323.5	340.8	362.0	375.8	395.0	414.9	436.2
	119	PC	276.1	282.5	297.2	311.7	326.3	341.0	360.0	375.8
	120	PC	292.6	304.0	310.5	334.6	345.2	360.8	378.7	400.3
	121	PC	317.5	323.3	332.1	350.6	368.2	381.7	400.5	431.2
	122	PC	311.4	320.6	338.2	356.1	371.5	389.8	412.1	433.6
<hr/>			<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Mean			292.24	299.33	312.46	329.04	345.52	361.15	377.40	399.99
S.D.			16.15	17.98	18.19	21.61	22.43	22.16	24.49	27.61
N			22	22	22	22	22	22	22	22

= Animal not pregnant and has been excluded from statistics

PC = Pregnant Caesarian, PL = Pregnant Littered, NP = Not Pregnant, ND = Not Determined

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Group Sex	Animal Number	Pregnancy Outcome	Gestation Day								
			6	7	8	9	10	11	12	13	
2f	201	PC	230.2	236.2	242.7	247.8	253.0	257.2	272.3	283.3	
	202	PC	237.0	240.9	249.6	255.3	263.7	268.5	277.8	284.5	
	203	PC	218.1	225.0	228.4	235.5	242.4	247.2	260.3	269.4	
	204	PC	223.2	229.2	241.4	247.5	251.7	260.7	275.3	276.4	
	205	PC	222.9	233.4	234.1	239.9	249.6	258.5	268.2	273.8	
	206	PC	241.0	244.6	252.5	257.6	266.3	275.7	285.2	293.6	
	207	PC	234.1	241.0	250.7	253.4	262.7	275.6	283.9	293.6	
	208	PC	241.5	242.8	247.3	260.1	266.4	278.6	288.1	296.2	
	209	PC	230.4	232.9	235.5	246.3	248.5	264.7	264.3	272.7	
	210	PC	229.3	234.1	241.6	247.4	255.7	268.1	282.5	289.4	
	211	PC	230.7	238.6	244.9	245.2	257.7	266.1	276.7	280.2	
	212	PC	251.1	257.0	265.9	270.8	274.3	289.4	296.6	302.2	
	213	PC	215.3	221.0	220.7	222.7	230.4	242.6	246.5	250.6	
	214	PC	242.4	248.1	254.4	257.9	264.2	279.8	289.5	287.0	
	215	PC	236.8	244.1	251.3	252.7	264.3	274.4	269.5	273.4	
	216	PC	249.4	255.9	267.0	269.6	280.0	288.6	290.7	287.6	
	217	PC	236.9	242.2	246.2	248.2	258.2	270.8	271.0	273.1	
	218	PC	245.2	251.5	256.1	264.9	271.1	279.1	273.1	287.6	
	219	PC	262.6	264.6	268.9	277.3	291.8	294.5	295.7	313.6	
	220	PC	268.2	273.9	280.9	291.5	300.4	310.5	310.5	335.4	
	221	PC	240.8	241.5	246.8	255.3	263.1	270.7	272.8	287.8	
	222	PC	270.5	271.9	276.1	286.0	297.5	306.8	304.6	326.2	
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Mean			238.98	244.11	250.14	256.04	264.23	274.00	279.78	288.07	
S.D.			14.77	13.87	14.87	16.05	17.05	16.91	14.90	18.95	
N			22	22	22	22	22	22	22	22	

= Animal not pregnant and has been excluded from statistics

PC = Pregnant Caesarian, PL = Pregnant Littered, NP = Not Pregnant, ND = Not Determined

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Group Sex	Animal Number	Pregnancy Outcome	Individual Maternal Body Weights (grams)							
			Gestation Day							
			14	15	16	17	18	19	20	21
2f	201	PC	287.7	291.0	307.6	324.7	341.6	366.4	391.0	412.3
	202	PC	289.3	294.3	316.1	332.2	347.3	379.0	391.5	410.2
	203	PC	275.1	275.1	292.3	301.9	316.3	338.0	358.7	383.6
	204	PC	285.1	279.3	308.7	317.3	338.1	354.2	376.7	392.2
	205	PC	281.6	281.3	309.6	318.7	337.6	360.4	383.9	404.8
	206	PC	304.6	306.9	322.4	338.5	356.2	376.5	402.1	416.8
	207	PC	291.9	308.7	318.8	329.7	354.4	368.5	376.8	403.0
	208	PC	296.9	314.6	326.9	334.4	360.0	380.9	392.7	414.2
	209	PC	279.6	289.7	304.7	306.9	336.8	349.4	363.9	392.2
	210	PC	295.9	309.1	319.6	338.8	365.4	381.2	399.1	426.9
	211	PC	279.7	294.2	306.7	321.9	340.4	358.3	373.1	394.7
	212	PC	301.3	320.3	330.4	342.0	363.4	376.6	390.4	419.0
	213	PC	265.4	275.3	280.3	297.6	313.4	327.0	336.0	361.0
	214	PC	304.9	311.0	318.1	339.8	356.7	364.4	379.6	395.4
	215	PC	283.2	297.6	306.8	320.3	338.2	348.3	367.9	389.0
	216	PC	305.5	317.6	332.4	346.7	364.8	376.5	394.9	424.5
	217	PC	287.2	297.1	305.9	324.6	339.8	352.2	370.1	395.0
	218	PC	292.9	302.6	319.5	331.3	344.6	364.8	383.8	406.9
	219	PC	321.8	328.7	340.5	359.1	371.7	389.7	409.5	432.2
	220	PC	336.0	350.8	363.7	366.9	383.5	393.9	406.0	420.9
	221	PC	292.7	299.7	311.0	320.6	333.9	344.4	362.0	383.6
	222	PC	327.6	335.6	352.4	370.9	383.3	396.8	416.1	445.3
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Mean			294.81	303.66	317.93	331.13	349.43	365.79	382.99	405.62
S.D.			17.09	19.42	18.54	18.92	18.49	18.30	18.98	19.16
N			22	22	22	22	22	22	22	22

= Animal not pregnant and has been excluded from statistics

PC = Pregnant Caesarian, PL = Pregnant Littered, NP = Not Pregnant, ND = Not Determined

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Group Sex	Animal Number	Pregnancy Outcome	Gestation Day								
			6	7	8	9	10	11	12	13	
3f	301	PC	237.2	241.8	247.3	251.6	259.3	269.0	276.9	281.1	
	302	PC	230.8	236.0	239.0	246.7	255.4	260.7	269.0	273.8	
	303	PC	230.2	237.6	239.8	243.6	246.6	254.2	263.0	269.8	
	304	PC	228.6	234.7	237.2	243.5	250.6	255.8	257.0	273.9	
	305	PC	220.1	224.8	232.2	232.8	243.5	250.4	258.1	266.7	
	306	PC	204.8	206.0	216.7	225.1	231.5	242.4	251.4	262.4	
	307	PC	259.0	265.8	271.4	280.1	289.0	302.1	313.2	316.1	
	308	PC	230.0	232.5	234.0	239.2	245.8	253.2	262.5	267.2	
	309	PC	233.9	244.9	251.2	261.5	273.2	282.7	287.4	297.2	
	310	PC	236.6	245.7	249.9	252.1	261.3	274.8	283.4	290.1	
	311	PC	204.2	213.8	220.8	225.7	232.8	241.9	246.6	256.6	
	312	PC	218.1	220.5	226.3	231.9	241.8	251.5	260.3	270.3	
	313	PC	248.9	250.7	256.2	263.0	278.1	285.7	287.5	287.4	
	314	PC	236.1	237.9	244.4	247.8	252.4	262.3	263.5	266.2	
	315	PC	225.2	234.5	235.6	240.3	250.8	253.3	262.7	264.1	
	316	PC	217.5	221.2	223.5	226.7	234.8	242.2	248.7	248.1	
	317	PC	203.5	204.8	210.9	219.9	224.4	229.9	239.1	239.3	
	318	PC	225.1	230.4	237.3	251.3	261.2	266.8	268.0	279.0	
	319	PC	253.8	257.2	267.3	278.6	282.7	294.6	294.5	317.0	
	320	PC	248.9	252.1	258.1	266.4	266.4	277.5	272.2	286.2	
	321	PC	237.5	247.4	252.5	256.0	272.3	280.5	276.2	294.8	
	322	PC	265.4	274.9	278.3	285.5	297.6	303.1	306.3	320.5	
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Mean			231.61	237.05	242.27	248.60	256.89	265.21	270.34	278.54	
S.D.			16.86	17.79	17.56	18.45	19.45	20.30	18.99	21.34	
N			22	22	22	22	22	22	22	22	

= Animal not pregnant and has been excluded from statistics

PC = Pregnant Caesarian, PL = Pregnant Littered, NP = Not Pregnant, ND = Not Determined

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Group Sex	Animal Number	Pregnancy Outcome	Individual Maternal Body Weights (grams)							
			Gestation Day							
			14	15	16	17	18	19	20	21
3f	301	PC	292.7	285.5	310.8	325.9	340.0	364.4	377.1	400.3
	302	PC	278.7	283.6	299.4	309.9	321.8	345.5	361.1	382.0
	303	PC	271.8	276.4	292.2	303.4	317.3	328.9	346.9	365.5
	304	PC	274.6	278.1	291.1	304.2	319.2	341.1	357.6	372.1
	305	PC	273.6	277.6	293.6	303.5	314.8	338.7	354.6	372.3
	306	PC	272.9	277.1	297.5	318.0	334.4	362.1	382.3	404.9
	307	PC	310.7	330.6	342.0	363.2	388.7	403.2	411.8	427.0
	308	PC	267.2	290.1	303.5	316.0	340.1	352.6	371.9	395.9
	309	PC	294.8	312.7	318.9	336.5	358.6	372.5	389.8	408.4
	310	PC	285.5	299.0	314.6	329.6	348.1	365.9	383.0	403.5
	311	PC	256.7	267.5	275.1	289.0	304.4	320.2	338.4	359.6
	312	PC	265.8	283.9	295.2	304.8	326.2	340.2	353.1	368.3
	313	PC	306.7	316.9	330.3	350.3	365.7	380.5	401.3	419.8
	314	PC	275.3	286.2	294.6	311.3	331.0	341.2	361.5	387.2
	315	PC	273.0	285.3	300.7	311.5	329.2	340.1	356.3	388.9
	316	PC	254.3	267.9	274.4	289.6	305.7	315.5	330.7	347.3
	317	PC	251.7	257.3	273.1	285.7	298.1	312.6	338.5	354.4
	318	PC	286.9	290.7	307.0	319.8	329.4	348.4	370.4	389.7
	319	PC	322.6	331.1	345.6	355.0	375.5	388.6	405.2	431.7
	320	PC	295.0	303.5	322.5	341.5	354.9	367.6	400.3	418.8
	321	PC	295.4	301.8	311.8	324.0	334.3	344.9	357.5	386.8
	322	PC	328.0	345.2	356.5	379.0	387.0	406.9	423.5	455.2
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Mean			283.36	293.09	306.84	321.44	337.47	353.71	371.49	392.71
S.D.			20.79	22.53	22.42	24.57	25.52	25.88	25.55	27.26
N			22	22	22	22	22	22	22	22

= Animal not pregnant and has been excluded from statistics

PC = Pregnant Caesarian, PL = Pregnant Littered, NP = Not Pregnant, ND = Not Determined

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Group Sex	Animal Number	Pregnancy Outcome	Gestation Day								
			6	7	8	9	10	11	12	13	
4f	401	PC	228.5	228.1	237.1	240.8	245.2	256.0	270.1	268.5	
	402	PC	217.7	221.9	229.0	234.4	242.3	249.8	257.7	264.0	
	403	PC	241.3	246.5	253.4	262.1	268.6	276.7	286.1	291.2	
	404	PC	220.8	208.0	221.0	226.3	231.3	240.5	251.6	262.3	
	405	PC	256.1	260.4	272.5	276.4	283.9	296.5	305.8	311.0	
	406	PC	226.6	230.8	234.2	241.4	249.2	257.0	269.2	275.4	
	407	PC	247.3	252.0	261.1	265.7	275.5	282.2	297.2	296.6	
	408	PC	230.1	236.6	245.8	253.6	257.2	267.4	276.8	285.1	
	409	PC	232.5	234.0	242.4	252.1	253.5	263.9	269.3	278.3	
	410	PC	253.6	261.7	270.0	273.1	277.4	288.8	295.6	306.2	
	411	PC	228.4	234.5	236.0	242.5	247.6	255.6	263.6	269.6	
	412	PC	235.1	235.5	240.3	246.1	256.6	261.4	275.6	278.9	
	413	PC	227.2	215.6	228.8	229.2	240.8	253.6	253.2	256.7	
	414	PC	221.6	228.0	230.7	234.3	241.9	246.0	251.4	254.2	
	415	PC	219.8	225.7	228.6	232.2	237.1	245.2	232.5	234.8	
	416	PC	246.3	248.0	252.2	256.5	265.6	273.0	278.4	265.7	
	417	PC	236.3	247.1	241.5	249.0	258.8	267.7	272.7	268.9	
	418	PC	250.6	261.0	268.6	281.6	287.1	293.7	296.9	277.5	
	419	PC	252.0	255.3	263.5	269.6	278.9	281.4	283.0	292.8	
	420	PC	248.1	247.8	250.4	256.0	263.4	269.2	266.6	282.0	
	421	PC	272.1	266.8	278.7	287.9	299.4	304.0	308.4	309.9	
	422	PC	234.8	238.2	238.9	242.3	252.6	259.1	262.1	274.5	
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Mean			237.58	240.16	246.58	252.41	259.72	267.67	273.81	277.46	
S.D.			14.15	15.83	16.44	17.60	18.05	17.65	19.25	18.83	
N			22	22	22	22	22	22	22	22	

= Animal not pregnant and has been excluded from statistics

PC = Pregnant Caesarian, PL = Pregnant Littered, NP = Not Pregnant, ND = Not Determined

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Body Weights (grams)

Group Sex	Animal Number	Pregnancy Outcome	Gestation Day							
			14	15	16	17	18	19	20	21
4f	401	PC	274.5	274.5	285.3	307.7	319.5	337.5	346.4	365.6
	402	PC	271.8	273.5	286.5	301.4	311.1	316.3	326.5	342.0
	403	PC	301.7	306.2	327.6	341.3	350.8	369.4	382.1	397.8
	404	PC	268.2	267.1	282.5	294.0	305.7	326.6	331.1	343.0
	405	PC	310.5	320.4	333.4	357.1	368.2	389.5	401.2	422.2
	406	PC	279.5	287.2	304.2	323.9	338.0	352.0	367.7	373.8
	407	PC	299.1	313.3	319.0	343.3	363.1	375.4	384.2	398.7
	408	PC	289.3	305.7	316.4	332.7	356.6	365.1	372.2	399.0
	409	PC	272.2	278.6	291.2	305.6	327.3	340.0	344.6	358.1
	410	PC	292.1	314.4	319.9	338.6	367.5	380.2	391.6	405.4
	411	PC	264.4	278.0	288.9	304.9	322.9	330.7	337.3	356.0
	412	PC	281.5	287.3	298.7	316.3	329.4	335.2	350.2	369.1
	413	PC	267.1	276.1	289.5	313.4	332.9	340.7	349.5	362.0
	414	PC	260.0	275.5	279.3	300.9	307.2	319.4	335.3	360.2
	415	PC	242.3	249.7	255.6	268.5	276.7	286.9	297.0	307.7
	416	PC	279.7	287.6	296.7	318.2	330.8	332.9	351.9	364.8
	417	PC	276.5	286.0	295.7	320.1	333.2	323.9	338.3	359.8
	418	PC	283.5	296.6	308.8	299.3	294.7	317.1	300.7	298.1
	419	PC	297.8	307.2	323.7	335.2	348.7	361.2	375.6	403.8
	420	PC	288.6	299.3	314.4	333.3	348.7	360.2	373.9	402.3
	421	PC	311.6	319.7	337.2	358.5	368.0	378.3	397.2	423.0
	422	PC	282.9	286.4	307.2	306.7	310.2	326.5	345.6	360.0
<hr/>			<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Mean			281.58	290.47	302.80	319.13	332.33	343.86	354.55	371.47
S.D.			16.76	18.60	20.09	21.89	25.19	25.89	28.52	32.87
N			22	22	22	22	22	22	22	22

= Animal not pregnant and has been excluded from statistics

PC = Pregnant Caesarian, PL = Pregnant Littered, NP = Not Pregnant, ND = Not Determined

Nominal Dose: Group 1 - 0 mg/kg/day Group 2 - 20 mg/kg/day Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Appendix F
Individual Maternal Body Weight Gains

Individual Maternal Body Weight Gains (grams)

Group Sex	Animal Number	Pregnancy Outcome	Base Weight Day 6	Gestation Day											
				From:		6	7	8	9	10	11	12	13	14	
				To:		7	8	9	10	11	12	13	14	15	
1f	101	PC	234.5			4.0	4.8	6.9	7.7	5.6	15.1	3.8	6.8	-1.4	
	102	PC	233.3			3.8	7.5	3.0	10.1	4.1	12.9	6.6	6.6	-3.6	
	103	PC	233.6			9.3	3.0	11.8	11.3	2.1	6.7	13.2	0.9	8.0	
	104	PC	231.7			8.7	3.6	7.5	5.8	4.6	12.9	13.0	-1.1	0.8	
	105	PC	221.0			2.9	-0.5	11.0	6.1	9.3	9.7	8.3	8.5	1.0	
	106	PC	225.7			7.2	5.9	5.6	8.5	4.1	10.6	9.1	7.9	-2.2	
	107	PC	213.3			7.0	10.3	4.3	9.8	13.9	8.7	2.7	9.4	12.5	
	108	PC	244.1			8.0	6.7	0.7	14.5	11.2	8.8	1.3	-1.9	19.2	
	109	PC	260.8			7.4	7.7	8.5	7.6	-10.3	-20.8	34.3	11.5	14.2	
	110	PC	226.3			4.0	2.4	6.8	5.6	9.5	13.0	3.0	-0.8	11.6	
	111	PC	216.8			4.6	6.4	11.5	3.4	9.8	4.1	7.3	-2.1	10.0	
	112	PC	228.7			4.0	5.8	10.3	1.0	15.6	5.0	5.8	6.4	6.2	
	113	PC	225.0			6.2	5.1	9.6	9.1	2.5	13.8	7.9	11.8	6.2	
	114	PC	231.5			6.7	7.3	10.0	7.2	12.0	8.6	-5.0	21.8	4.3	
	115	PC	242.1			5.9	5.8	9.3	4.7	11.7	8.4	-4.7	18.2	11.9	
	116	PC	255.3			9.1	5.6	11.2	0.9	16.2	3.0	5.5	21.1	9.4	
	117	PC	235.1			7.5	6.1	-0.8	9.4	5.6	8.5	6.1	9.1	6.0	
	118	PC	248.7			3.6	5.7	9.6	7.1	8.5	5.2	14.9	11.1	9.1	
	119	PC	228.2			0.3	7.8	6.4	11.2	1.8	4.0	11.3	5.1	6.4	
	120	PC	239.9			4.1	2.0	10.3	9.8	8.7	-1.2	16.7	2.3	11.4	
	121	PC	256.9			3.5	5.9	10.8	8.5	9.3	3.7	14.9	4.0	5.8	
	122	PC	245.8			9.0	4.0	13.1	8.7	9.3	4.3	15.3	1.9	9.2	
Group Sex			Base Weight Day 6		Gestation Day										
			From: To:		6	7	8	9	10	11	12	13	14	15	
1f	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	Mean		235.38		5.76	5.40	8.06	7.64	7.50	6.59	8.70	7.20	7.09		
	S.D.		12.71		2.42	2.33	3.66	3.26	5.76	7.39	8.26	6.91	5.66		
	N		22		22	22	22	22	22	22	22	22	22		
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	

= Animal not pregnant and has been excluded from statistics

PC = Pregnant Caesarian, PL = Pregnant Littered, NP = Not Pregnant, ND = Not Determined

* = result to left has an associated comment or marker

Abs Gain = absolute bodyweight gain between base period and end of the analysis period

% Gain = percentage bodyweight gain between base period and end of the analysis period

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Body Weight Gains (grams)

Group Sex	Animal Number	Pregnancy Outcome	Base Weight Day 6	Gestation Day								Abs Gain 6 21	% Gain 6 21
				From: To:		15	16	17	18	19	20		
						16	17	18	19	20	21		
1f	101	PC	234.5			15.4	16.4	16.4	9.7	18.9	13.7	143.8	61.322
	102	PC	233.3			19.0	7.2	13.9	16.6	15.1	17.8	140.6	60.266
	103	PC	233.6			17.0	11.5	17.7	25.1	12.1	22.8	172.5	73.844
	104	PC	231.7			26.4	5.3	14.3	23.1	12.5	19.6	157.0	67.760
	105	PC	221.0			12.9	7.4	11.9	19.6	13.7	12.0	133.8	60.543
	106	PC	225.7			21.6	9.0	16.5	22.2	14.1	12.6	152.7	67.656
	107	PC	213.3			6.6	16.7	22.0	15.4	12.7	21.8	173.8	81.481
	108	PC	244.1			8.3	21.0	17.3	10.2	18.3	26.9	170.5	69.848
	109	PC	260.8			12.8	18.2	26.0	15.3	15.0	35.5	182.9	70.130
	110	PC	226.3			7.5	14.1	20.9	13.9	7.8	21.6	140.9	62.262
	111	PC	216.8			8.5	14.3	18.3	14.1	14.6	29.2	154.0	71.033
	112	PC	228.7			11.0	15.1	17.5	11.8	13.7	27.0	156.2	68.299
	113	PC	225.0			10.4	21.6	15.1	17.9	13.4	31.7	182.3	81.022
	114	PC	231.5			11.4	17.7	16.8	7.9	13.9	15.0	155.6	67.214
	115	PC	242.1			11.0	19.4	19.7	12.7	14.2	23.6	171.8	70.962
	116	PC	255.3			12.5	26.5	18.8	12.6	24.7	24.6	201.7	79.005
	117	PC	235.1			11.6	27.2	7.4	14.4	25.0	30.7	173.8	73.926
	118	PC	248.7			17.3	21.2	13.8	19.2	19.9	21.3	187.5	75.392
	119	PC	228.2			14.7	14.5	14.6	14.7	19.0	15.8	147.6	64.680
	120	PC	239.9			6.5	24.1	10.6	15.6	17.9	21.6	160.4	66.861
	121	PC	256.9			8.8	18.5	17.6	13.5	18.8	30.7	174.3	67.847
	122	PC	245.8			17.6	17.9	15.4	18.3	22.3	21.5	187.8	76.404
Group Sex	Animal Number	Pregnancy Outcome	Base Weight Day 6	Gestation Day								Abs Gain 6 21	% Gain 6 21
				From: To:		15	16	17	18	19	20		
						16	17	18	19	20	21		
1f	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	Mean	235.38		13.13	16.58	16.48	15.63	16.25	22.59	164.61	69.898		
	S.D.	12.71		5.10	5.98	3.95	4.36	4.27	6.55	17.98	6.248		
	N	22		22	22	22	22	22	22	22	22		
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

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% Gain = percentage bodyweight gain between base period and end of the analysis period

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Body Weight Gains (grams)

Group Sex	Animal Number	Pregnancy Outcome	Base Weight Day 6	Gestation Day															
				From:		6		7		8		9		10		11		12	
					To:	7	8	9	10	11	12	13	14	15					
2f	201	PC	230.2			6.0	6.5	5.1	5.2	4.2	15.1	11.0	4.4	3.3					
	202	PC	237.0			3.9	8.7	5.7	8.4	4.8	9.3	6.7	4.8	5.0					
	203	PC	218.1			6.9	3.4	7.1	6.9	4.8	13.1	9.1	5.7	0.0					
	204	PC	223.2			6.0	12.2	6.1	4.2	9.0	14.6	1.1	8.7	-5.8					
	205	PC	222.9			10.5	0.7	5.8	9.7	8.9	9.7	5.6	7.8	-0.3					
	206	PC	241.0			3.6	7.9	5.1	8.7	9.4	9.5	8.4	11.0	2.3					
	207	PC	234.1			6.9	9.7	2.7	9.3	12.9	8.3	9.7	-1.7	16.8					
	208	PC	241.5			1.3	4.5	12.8	6.3	12.2	9.5	8.1	0.7	17.7					
	209	PC	230.4			2.5	2.6	10.8	2.2	16.2	-0.4	8.4	6.9	10.1					
	210	PC	229.3			4.8	7.5	5.8	8.3	12.4	14.4	6.9	6.5	13.2					
	211	PC	230.7			7.9	6.3	0.3	12.5	8.4	10.6	3.5	-0.5	14.5					
	212	PC	251.1			5.9	8.9	4.9	3.5	15.1	7.2	5.6	-0.9	19.0					
	213	PC	215.3			5.7	-0.3	2.0	7.7	12.2	3.9	4.1	14.8	9.9					
	214	PC	242.4			5.7	6.3	3.5	6.3	15.6	9.7	-2.5	17.9	6.1					
	215	PC	236.8			7.3	7.2	1.4	11.6	10.1	-4.9	3.9	9.8	14.4					
	216	PC	249.4			6.5	11.1	2.6	10.4	8.6	2.1	-3.1	17.9	12.1					
	217	PC	236.9			5.3	4.0	2.0	10.0	12.6	0.2	2.1	14.1	9.9					
	218	PC	245.2			6.3	4.6	8.8	6.2	8.0	-6.0	14.5	5.3	9.7					
	219	PC	262.6			2.0	4.3	8.4	14.5	2.7	1.2	17.9	8.2	6.9					
	220	PC	268.2			5.7	7.0	10.6	8.9	10.1	0.0	24.9	0.6	14.8					
	221	PC	240.8			0.7	5.3	8.5	7.8	7.6	2.1	15.0	4.9	7.0					
	222	PC	270.5			1.4	4.2	9.9	11.5	9.3	-2.2	21.6	1.4	8.0					
2f	-----	-----	Base Weight Day 6	Gestation Day															
				From:		6		7		8		9		10		11		12	
					To:	7	8	9	10	11	12	13	14	15					
				-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
				Mean	238.98	5.13	6.03	5.90	8.19	9.78	5.77	8.30	6.74	8.85					
				S.D.	14.77	2.42	3.11	3.41	3.00	3.68	6.42	7.08	5.79	6.39					
				N	22	22	22	22	22	22	22	22	22	22					

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* = result to left has an associated comment or marker

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% Gain = percentage bodyweight gain between base period and end of the analysis period

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Body Weight Gains (grams)

Group Sex	Animal Number	Pregnancy Outcome	Base Weight Day 6	Gestation Day								Abs Gain 6 21	% Gain 6 21
				From: To:	15 16	16 17	17 18	18 19	19 20	20 21	21 21		
2f	201	PC	230.2		16.6	17.1	16.9	24.8	24.6	21.3	182.1	79.105	
	202	PC	237.0		21.8	16.1	15.1	31.7	12.5	18.7	173.2	73.080	
	203	PC	218.1		17.2	9.6	14.4	21.7	20.7	24.9	165.5	75.883	
	204	PC	223.2		29.4	8.6	20.8	16.1	22.5	15.5	169.0	75.717	
	205	PC	222.9		28.3	9.1	18.9	22.8	23.5	20.9	181.9	81.606	
	206	PC	241.0		15.5	16.1	17.7	20.3	25.6	14.7	175.8	72.946	
	207	PC	234.1		10.1	10.9	24.7	14.1	8.3	26.2	168.9	72.149	
	208	PC	241.5		12.3	7.5	25.6	20.9	11.8	21.5	172.7	71.511	
	209	PC	230.4		15.0	2.2	29.9	12.6	14.5	28.3	161.8	70.226	
	210	PC	229.3		10.5	19.2	26.6	15.8	17.9	27.8	197.6	86.175	
	211	PC	230.7		12.5	15.2	18.5	17.9	14.8	21.6	164.0	71.088	
	212	PC	251.1		10.1	11.6	21.4	13.2	13.8	28.6	167.9	66.866	
	213	PC	215.3		5.0	17.3	15.8	13.6	9.0	25.0	145.7	67.673	
	214	PC	242.4		7.1	21.7	16.9	7.7	15.2	15.8	153.0	63.119	
	215	PC	236.8		9.2	13.5	17.9	10.1	19.6	21.1	152.2	64.274	
	216	PC	249.4		14.8	14.3	18.1	11.7	18.4	29.6	175.1	70.209	
	217	PC	236.9		8.8	18.7	15.2	12.4	17.9	24.9	158.1	66.737	
	218	PC	245.2		16.9	11.8	13.3	20.2	19.0	23.1	161.7	65.946	
	219	PC	262.6		11.8	18.6	12.6	18.0	19.8	22.7	169.6	64.585	
	220	PC	268.2		12.9	3.2	16.6	10.4	12.1	14.9	152.7	56.935	
	221	PC	240.8		11.3	9.6	13.3	10.5	17.6	21.6	142.8	59.302	
	222	PC	270.5		16.8	18.5	12.4	13.5	19.3	29.2	174.8	64.621	
2f		Pregnancy Outcome	Base Weight Day 6	Gestation Day								Abs Gain 6 21	% Gain 6 21
				From: To:	15 16	16 17	17 18	18 19	19 20	20 21	21 21		
				Gestation Day								Abs Gain 6 21	% Gain 6 21
				From: To:	15 16	16 17	17 18	18 19	19 20	20 21	21 21		

= Animal not pregnant and has been excluded from statistics

PC = Pregnant Caesarian, PL = Pregnant Littered, NP = Not Pregnant, ND = Not Determined

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Abs Gain = absolute bodyweight gain between base period and end of the analysis period

% Gain = percentage bodyweight gain between base period and end of the analysis period

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day Group 4 - 500 mg/kg/day

Individual Maternal Body Weight Gains (grams)

Group Sex	Animal Number	Pregnancy Outcome	Base Weight Day 6	Gestation Day											
				From:		6	7	8	9	10	11	12	13	14	
				To:		7	8	9	10	11	12	13	14	15	
3f	301	PC	237.2			4.6	5.5	4.3	7.7	9.7	7.9	4.2	11.6	-7.2	
	302	PC	230.8			5.2	3.0	7.7	8.7	5.3	8.3	4.8	4.9	4.9	
	303	PC	230.2			7.4	2.2	3.8	3.0	7.6	8.8	6.8	2.0	4.6	
	304	PC	228.6			6.1	2.5	6.3	7.1	5.2	1.2	16.9	0.7	3.5	
	305	PC	220.1			4.7	7.4	0.6	10.7	6.9	7.7	8.6	6.9	4.0	
	306	PC	204.8			1.2	10.7	8.4	6.4	10.9	9.0	11.0	10.5	4.2	
	307	PC	259.0			6.8	5.6	8.7	8.9	13.1	11.1	2.9	-5.4	19.9	
	308	PC	230.0			2.5	1.5	5.2	6.6	7.4	9.3	4.7	0.0	22.9	
	309	PC	233.9			11.0	6.3	10.3	11.7	9.5	4.7	9.8	-2.4	17.9	
	310	PC	236.6			9.1	4.2	2.2	9.2	13.5	8.6	6.7	-4.6	13.5	
	311	PC	204.2			9.6	7.0	4.9	7.1	9.1	4.7	10.0	0.1	10.8	
	312	PC	218.1			2.4	5.8	5.6	9.9	9.7	8.8	10.0	-4.5	18.1	
	313	PC	248.9			1.8	5.5	6.8	15.1	7.6	1.8	-0.1	19.3	10.2	
	314	PC	236.1			1.8	6.5	3.4	4.6	9.9	1.2	2.7	9.1	10.9	
	315	PC	225.2			9.3	1.1	4.7	10.5	2.5	9.4	1.4	8.9	12.3	
	316	PC	217.5			3.7	2.3	3.2	8.1	7.4	6.5	-0.6	6.2	13.6	
	317	PC	203.5			1.3	6.1	9.0	4.5	5.5	9.2	0.2	12.4	5.6	
	318	PC	225.1			5.3	6.9	14.0	9.9	5.6	1.2	11.0	7.9	3.8	
	319	PC	253.8			3.4	10.1	11.3	4.1	11.9	-0.1	22.5	5.6	8.5	
	320	PC	248.9			3.2	6.0	8.3	0.0	11.1	-5.3	14.0	8.8	8.5	
	321	PC	237.5			9.9	5.1	3.5	16.3	8.2	-4.3	18.6	0.6	6.4	
	322	PC	265.4			9.5	3.4	7.2	12.1	5.5	3.2	14.2	7.5	17.2	
Group Sex			Base Weight Day 6		Gestation Day										
			From: 7		6	7	8	9	10	11	12	13	14	15	
			To: 8												
3f	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	Mean		231.61		5.45	5.21	6.34	8.28	8.32	5.13	8.20	4.82	9.73		
	S.D.		16.86		3.18	2.53	3.21	3.82	2.81	4.65	6.33	6.32	6.94		
	N		22		22	22	22	22	22	22	22	22	22		
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	

= Animal not pregnant and has been excluded from statistics

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% Gain = percentage bodyweight gain between base period and end of the analysis period

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Body Weight Gains (grams)

Group Sex	Animal Number	Pregnancy Outcome	Base Weight Day 6	Gestation Day								Abs Gain 6 21	% Gain 6 21
				From: To:	15 16	16 17	17 18	18 19	19 20	20 21	21 21		
3f	301	PC	237.2		25.3	15.1	14.1	24.4	12.7	23.2	163.1	68.761	
	302	PC	230.8		15.8	10.5	11.9	23.7	15.6	20.9	151.2	65.511	
	303	PC	230.2		15.8	11.2	13.9	11.6	18.0	18.6	135.3	58.775	
	304	PC	228.6		13.0	13.1	15.0	21.9	16.5	14.5	143.5	62.773	
	305	PC	220.1		16.0	9.9	11.3	23.9	15.9	17.7	152.2	69.150	
	306	PC	204.8		20.4	20.5	16.4	27.7	20.2	22.6	200.1	97.705	
	307	PC	259.0		11.4	21.2	25.5	14.5	8.6	15.2	168.0	64.865	
	308	PC	230.0		13.4	12.5	24.1	12.5	19.3	24.0	165.9	72.130	
	309	PC	233.9		6.2	17.6	22.1	13.9	17.3	18.6	174.5	74.605	
	310	PC	236.6		15.6	15.0	18.5	17.8	17.1	20.5	166.9	70.541	
	311	PC	204.2		7.6	13.9	15.4	15.8	18.2	21.2	155.4	76.102	
	312	PC	218.1		11.3	9.6	21.4	14.0	12.9	15.2	150.2	68.867	
	313	PC	248.9		13.4	20.0	15.4	14.8	20.8	18.5	170.9	68.662	
	314	PC	236.1		8.4	16.7	19.7	10.2	20.3	25.7	151.1	63.998	
	315	PC	225.2		15.4	10.8	17.7	10.9	16.2	32.6	163.7	72.691	
	316	PC	217.5		6.5	15.2	16.1	9.8	15.2	16.6	129.8	59.678	
	317	PC	203.5		15.8	12.6	12.4	14.5	25.9	15.9	150.9	74.152	
	318	PC	225.1		16.3	12.8	9.6	19.0	22.0	19.3	164.6	73.123	
	319	PC	253.8		14.5	9.4	20.5	13.1	16.6	26.5	177.9	70.095	
	320	PC	248.9		19.0	19.0	13.4	12.7	32.7	18.5	169.9	68.260	
	321	PC	237.5		10.0	12.2	10.3	10.6	12.6	29.3	149.3	62.863	
	322	PC	265.4		11.3	22.5	8.0	19.9	16.6	31.7	189.8	71.515	
Group Sex	Animal Number	Pregnancy Outcome	Base Weight Day 6	Gestation Day								Abs Gain 6 21	% Gain 6 21
				From: To:	15 16	16 17	17 18	18 19	19 20	20 21	21 21		
3f	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	Mean	231.61		13.75	14.60	16.03	16.24	17.78	21.22	161.10	69.765		
	S.D.	16.86		4.60	4.03	4.74	5.27	4.94	5.25	16.52	7.846		
	N	22		22	22	22	22	22	22	22	22		
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

= Animal not pregnant and has been excluded from statistics

PC = Pregnant Caesarian, PL = Pregnant Littered, NP = Not Pregnant, ND = Not Determined

* = result to left has an associated comment or marker

Abs Gain = absolute bodyweight gain between base period and end of the analysis period

% Gain = percentage bodyweight gain between base period and end of the analysis period

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Body Weight Gains (grams)

Group Sex	Animal Number	Pregnancy Outcome	Base Weight Day 6	Gestation Day										
				From:		6	7	8	9	10	11	12	13	14
				To:		7	8	9	10	11	12	13	14	15
4f	401	PC	228.5		-0.4	9.0	3.7	4.4	10.8	14.1	-1.6	6.0	0.0	
	402	PC	217.7		4.2	7.1	5.4	7.9	7.5	7.9	6.3	7.8	1.7	
	403	PC	241.3		5.2	6.9	8.7	6.5	8.1	9.4	5.1	10.5	4.5	
	404	PC	220.8		-12.8	13.0	5.3	5.0	9.2	11.1	10.7	5.9	-1.1	
	405	PC	256.1		4.3	12.1	3.9	7.5	12.6	9.3	5.2	-0.5	9.9	
	406	PC	226.6		4.2	3.4	7.2	7.8	7.8	12.2	6.2	4.1	7.7	
	407	PC	247.3		4.7	9.1	4.6	9.8	6.7	15.0	-0.6	2.5	14.2	
	408	PC	230.1		6.5	9.2	7.8	3.6	10.2	9.4	8.3	4.2	16.4	
	409	PC	232.5		1.5	8.4	9.7	1.4	10.4	5.4	9.0	-6.1	6.4	
	410	PC	253.6		8.1	8.3	3.1	4.3	11.4	6.8	10.6	-14.1	22.3	
	411	PC	228.4		6.1	1.5	6.5	5.1	8.0	8.0	6.0	-5.2	13.6	
	412	PC	235.1		0.4	4.8	5.8	10.5	4.8	14.2	3.3	2.6	5.8	
	413	PC	227.2		-11.6	13.2	0.4	11.6	12.8	-0.4	3.5	10.4	9.0	
	414	PC	221.6		6.4	2.7	3.6	7.6	4.1	5.4	2.8	5.8	15.5	
	415	PC	219.8		5.9	2.9	3.6	4.9	8.1	-12.7	2.3	7.5	7.4	
	416	PC	246.3		1.7	4.2	4.3	9.1	7.4	5.4	-12.7	14.0	7.9	
	417	PC	236.3		10.8	-5.6	7.5	9.8	8.9	5.0	-3.8	7.6	9.5	
	418	PC	250.6		10.4	7.6	13.0	5.5	6.6	3.2	-19.4	6.0	13.1	
	419	PC	252.0		3.3	8.2	6.1	9.3	2.5	1.6	9.8	5.0	9.4	
	420	PC	248.1		-0.3	2.6	5.6	7.4	5.8	-2.6	15.4	6.6	10.7	
	421	PC	272.1		-5.3	11.9	9.2	11.5	4.6	4.4	1.5	1.7	8.1	
	422	PC	234.8		3.4	0.7	3.4	10.3	6.5	3.0	12.4	8.4	3.5	
4f	-----	Pregnancy Outcome	Base Weight Day 6	Gestation Day										
				From:	6	7	8	9	10	11	12	13	14	
				To:	7	8	9	10	11	12	13	14	15	
				-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
				Mean	237.58	2.58	6.42	5.84	7.31	7.95	6.14	3.65	4.12	8.89
				S.D.	14.15	6.00	4.60	2.76	2.77	2.72	6.27	7.96	6.21	5.58
				N	22	22	22	22	22	22	22	22	22	22

= Animal not pregnant and has been excluded from statistics

PC = Pregnant Caesarian, PL = Pregnant Littered, NP = Not Pregnant, ND = Not Determined

* = result to left has an associated comment or marker

Abs Gain = absolute bodyweight gain between base period and end of the analysis period

% Gain = percentage bodyweight gain between base period and end of the analysis period

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Body Weight Gains (grams)

Group Sex	Animal Number	Pregnancy Outcome	Base Weight Day 6	Gestation Day								Abs Gain 6 21	% Gain 6 21
				From: Day 15 16	16 17	17 18	18 19	19 20	20 21	21 21			
				To: Day 16	17	18	19	20	21				
4f	401	PC	228.5		10.8	22.4	11.8	18.0	8.9	19.2	137.1	60.000	
	402	PC	217.7		13.0	14.9	9.7	5.2	10.2	15.5	124.3	57.097	
	403	PC	241.3		21.4	13.7	9.5	18.6	12.7	15.7	156.5	64.857	
	404	PC	220.8		15.4	11.5	11.7	20.9	4.5	11.9	122.2	55.344	
	405	PC	256.1		13.0	23.7	11.1	21.3	11.7	21.0	166.1	64.857	
	406	PC	226.6		17.0	19.7	14.1	14.0	15.7	6.1	147.2	64.960	
	407	PC	247.3		5.7	24.3	19.8	12.3	8.8	14.5	151.4	61.221	
	408	PC	230.1		10.7	16.3	23.9	8.5	7.1	26.8	168.9	73.403	
	409	PC	232.5		12.6	14.4	21.7	12.7	4.6	13.5	125.6	54.022	
	410	PC	253.6		5.5	18.7	28.9	12.7	11.4	13.8	151.8	59.858	
	411	PC	228.4		10.9	16.0	18.0	7.8	6.6	18.7	127.6	55.867	
	412	PC	235.1		11.4	17.6	13.1	5.8	15.0	18.9	134.0	56.997	
	413	PC	227.2		13.4	23.9	19.5	7.8	8.8	12.5	134.8	59.331	
	414	PC	221.6		3.8	21.6	6.3	12.2	15.9	24.9	138.6	62.545	
	415	PC	219.8		5.9	12.9	8.2	10.2	10.1	10.7	87.9	39.991	
	416	PC	246.3		9.1	21.5	12.6	2.1	19.0	12.9	118.5	48.112	
	417	PC	236.3		9.7	24.4	13.1	-9.3	14.4	21.5	123.5	52.264	
	418	PC	250.6		12.2	-9.5	-4.6	22.4	-16.4	-2.6	47.5	18.955	
	419	PC	252.0		16.5	11.5	13.5	12.5	14.4	28.2	151.8	60.238	
	420	PC	248.1		15.1	18.9	15.4	11.5	13.7	28.4	154.2	62.152	
	421	PC	272.1		17.5	21.3	9.5	10.3	18.9	25.8	150.9	55.458	
	422	PC	234.8		20.8	-0.5	3.5	16.3	19.1	14.4	125.2	53.322	
4f			Base Weight Day 6	Gestation Day								Abs Gain 6 21	% Gain 6 21
				From: Day 15 16	16 17	17 18	18 19	19 20	20 21	21 21			
				To: Day 16	17	18	19	20	21				
				Gestation Day								Abs Gain 6 21	% Gain 6 21
				From: Day 15 16	16 17	17 18	18 19	19 20	20 21	21 21			
				To: Day 16	17	18	19	20	21				

= Animal not pregnant and has been excluded from statistics

PC = Pregnant Caesarian, PL = Pregnant Littered, NP = Not Pregnant, ND = Not Determined

* = result to left has an associated comment or marker

Abs Gain = absolute bodyweight gain between base period and end of the analysis period

% Gain = percentage bodyweight gain between base period and end of the analysis period

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Appendix G
Individual Maternal Net Body Weight And Body Weight Change

Individual Maternal Net Body Weight and Body Weight Change

Group: 1 0 mg/kg/day

Dam Number	Pregnancy Status	Pregnancy Type	Gravid Uterus g	Terminal Body Wt g	Net BW g	BDWT Change From Day 6 g	NetBDWT Change From Day 6 g
101	P	Preg	81.95	378.3	296.35	143.8	61.85
102	P	Preg	75.73	373.9	298.17	140.6	64.87
103	P	Preg	91.91	406.1	314.19	172.5	80.59
104	P	Preg	81.14	388.7	307.56	157.0	75.86
105	P	Preg	58.62	354.8	296.18	133.8	75.18
106	P	Preg	94.37	378.4	284.03	152.7	58.33
107	P	Preg	89.64	387.1	297.46	173.8	84.16
108	P	Preg	97.77	414.6	316.83	170.5	72.73
109	P	Preg	125.87	443.7	317.83	182.9	57.03
110	P	Preg	83.33	367.2	283.87	140.9	57.57
111	P	Preg	94.58	370.8	276.22	154.0	59.42
112	P	Preg	76.62	384.9	308.28	156.2	79.58
113	P	Preg	103.38	407.3	303.92	182.3	78.92
114	P	Preg	97.54	387.1	289.56	155.6	58.06
115	P	Preg	103.85	413.9	310.05	171.8	67.95
116	P	Preg	123.33	457.0	333.67	201.7	78.37
117	P	Preg	108.49	408.9	300.41	173.8	65.31
118	P	Preg	106.91	436.2	329.29	187.5	80.59
119	P	Preg	102.42	375.8	273.38	147.6	45.18
120	P	Preg	88.33	400.3	311.97	160.4	72.07
121	P	Preg	110.41	431.2	320.79	174.3	63.89
122	P	Preg	113.15	433.6	320.45	187.8	74.65
MEAN			95.879	399.99	304.112	164.61	68.735
S.D.			16.127	27.61	16.321	17.98	10.261
N			22	22	22	22	22

Pregnancy Status Codes: P = Pregnant; NP = Not Pregnant

Pregnancy Type Codes: Preg = Pregnant

Individual Maternal Net Body Weight and Body Weight Change

Group: 2 20 mg/kg/day

Dam Number	Pregnancy Status	Pregnancy Type	Gravid Uterus g	Terminal Body Wt g	Net BW g	BDWT Change From Day 6 g	NetBDWT Change From Day 6 g
201	P	Preg	115.37	412.3	296.93	182.1	66.73
202	P	Preg	115.54	410.2	294.66	173.2	57.66
203	P	Preg	95.28	383.6	288.32	165.5	70.22
204	P	Preg	88.34	392.2	303.86	169.0	80.66
205	P	Preg	96.03	404.8	308.77	181.9	85.87
206	P	Preg	93.66	416.8	323.14	175.8	82.14
207	P	Preg	88.49	403.0	314.51	168.9	80.41
208	P	Preg	97.61	414.2	316.59	172.7	75.09
209	P	Preg	97.97	392.2	294.23	161.8	63.83
210	P	Preg	120.88	426.9	306.02	197.6	76.72
211	P	Preg	99.20	394.7	295.50	164.0	64.80
212	P	Preg	96.90	419.0	322.10	167.9	71.00
213	P	Preg	80.46	361.0	280.54	145.7	65.24
214	P	Preg	86.84	395.4	308.56	153.0	66.16
215	P	Preg	101.01	389.0	287.99	152.2	51.19
216	P	Preg	102.58	424.5	321.92	175.1	72.52
217	P	Preg	95.53	395.0	299.47	158.1	62.57
218	P	Preg	110.58	406.9	296.32	161.7	51.12
219	P	Preg	103.00	432.2	329.20	169.6	66.60
220	P	Preg	65.30	420.9	355.60	152.7	87.40
221	P	Preg	86.15	383.6	297.45	142.8	56.65
222	P	Preg	106.48	445.3	338.82	174.8	68.32
MEAN			97.418	405.62	308.205	166.64	69.223
S.D.			12.489	19.16	18.169	12.87	10.265
N			22	22	22	22	22

Pregnancy Status Codes: P = Pregnant; NP = Not Pregnant

Pregnancy Type Codes: Preg = Pregnant

Individual Maternal Net Body Weight and Body Weight Change

Group: 3 100 mg/kg/day

Dam Number	Pregnancy Status	Pregnancy Type	Gravid Uterus g	Terminal Body Wt g	Net BW g	BDWT Change From Day 6 g	NetBDWT Change From Day 6 g
301	P	Preg	98.91	400.3	301.39	163.1	64.19
302	P	Preg	89.34	382.0	292.66	151.2	61.86
303	P	Preg	87.11	365.5	278.39	135.3	48.19
304	P	Preg	89.55	372.1	282.55	143.5	53.95
305	P	Preg	86.94	372.3	285.36	152.2	65.26
306	P	Preg	115.17	404.9	289.73	200.1	84.93
307	P	Preg	103.01	427.0	323.99	168.0	64.99
308	P	Preg	107.34	395.9	288.56	165.9	58.56
309	P	Preg	97.36	408.4	311.04	174.5	77.14
310	P	Preg	93.81	403.5	309.69	166.9	73.09
311	P	Preg	88.62	359.6	270.98	155.4	66.78
312	P	Preg	91.62	368.3	276.68	150.2	58.58
313	P	Preg	119.64	419.8	300.16	170.9	51.26
314	P	Preg	94.98	387.2	292.22	151.1	56.12
315	P	Preg	100.13	388.9	288.77	163.7	63.57
316	P	Preg	82.26	347.3	265.04	129.8	47.54
317	P	Preg	95.81	354.4	258.59	150.9	55.09
318	P	Preg	108.85	389.7	280.85	164.6	55.75
319	P	Preg	103.69	431.7	328.01	177.9	74.21
320	P	Preg	121.98	418.8	296.82	169.9	47.92
321	P	Preg	88.18	386.8	298.62	149.3	61.12
322	P	Preg	106.07	455.2	349.13	189.8	83.73
MEAN			98.653	392.71	294.056	161.10	62.447
S.D.			11.028	27.26	21.133	16.52	10.842
N			22	22	22	22	22

Pregnancy Status Codes: P = Pregnant; NP = Not Pregnant

Pregnancy Type Codes: Preg = Pregnant

Individual Maternal Net Body Weight and Body Weight Change

Group: 4 500 mg/kg/day

Dam Number	Pregnancy Status	Pregnancy Type	Gravid Uterus g	Terminal Body Wt g	Net BW g	BDWT Change From Day 6 g	NetBDWT Change From Day 6 g
401	P	Preg	84.01	365.6	281.59	137.1	53.09
402	P	Preg	59.07	342.0	282.93	124.3	65.23
403	P	Preg	91.64	397.8	306.16	156.5	64.86
404	P	Preg	85.71	343.0	257.29	122.2	36.49
405	P	Preg	97.47	422.2	324.73	166.1	68.63
406	P	Preg	97.69	373.8	276.11	147.2	49.51
407	P	Preg	93.84	398.7	304.86	151.4	57.56
408	P	Preg	97.35	399.0	301.65	168.9	71.55
409	P	Preg	69.15	358.1	288.95	125.6	56.45
410	P	Preg	97.87	405.4	307.53	151.8	53.93
411	P	Preg	77.65	356.0	278.35	127.6	49.95
412	P	Preg	65.37	369.1	303.73	134.0	68.63
413	P	Preg	88.93	362.0	273.07	134.8	45.87
414	P	Preg	80.06	360.2	280.14	138.6	58.54
415	P	Preg	58.18	307.7	249.52	87.9	29.72
416	P	Preg	93.33	364.8	271.47	118.5	25.17
417	P	Preg	62.35	359.8	297.45	123.5	61.15
418	P	Preg	65.64	298.1	232.46	47.5	-18.14
419	P	Preg	91.44	403.8	312.36	151.8	60.36
420	P	Preg	103.91	402.3	298.39	154.2	50.29
421	P	Preg	104.97	423.0	318.03	150.9	45.93
422	P	Preg	69.23	360.0	290.77	125.2	55.97
MEAN			83.403	371.47	288.070	133.89	50.488
S.D.			15.163	32.87	22.727	26.70	19.466
N			22	22	22	22	22

Pregnancy Status Codes: P = Pregnant; NP = Not Pregnant

Pregnancy Type Codes: Preg = Pregnant

Appendix H
Individual Maternal Food Consumption

Individual Maternal Food Consumption (grams/day)

Group Sex	Animal Number	From: To:	Gestation Day								Total 6 21
			6 8	8 10	10 12	12 14	14 16	16 18	18 20	20 21	
1f	101		22.10	22.85	27.35	28.40	26.80	30.40	29.70	27.70	402.900
	102		22.65	22.30	26.60	28.25	26.40	28.90	28.20	26.50	393.100
	103		23.80	27.30	25.65	27.15	28.00	32.15	29.70	32.20	419.700
	104		21.75	21.50	26.25	27.70	29.55	30.20	31.50	29.70	406.600
	105		20.55	22.05	28.85	29.30	30.25	34.20	30.00	31.80	422.200
	106		22.00	22.10	25.30	27.10	27.95	29.45	31.65	24.20	395.300
	107		22.30	22.85	27.80	27.85	29.60	34.45	32.85	31.50	426.900
	108		23.90	23.85	27.80	27.10	29.50	34.00	30.85	31.60	425.600
	109		26.25	28.40	7.85	31.80	33.45	33.05	33.40	33.30	421.700
	110		22.40	24.00	26.40	26.65	29.20	32.80	29.80	26.40	408.900
	111		23.70	23.95	25.35	25.75	24.95	29.50	28.15	26.30	389.000
	112		21.40	21.45	25.00	28.55	25.80	30.45	30.45	24.60	390.800
	113		21.55	24.80	26.85	26.85	32.00	29.60	30.05	29.80	413.200
	114		26.20	29.00	31.80	31.50	35.70	35.55	31.00	23.60	465.100
	115		25.10	27.60	27.40	27.25	35.95	30.80	32.90	25.40	439.400
	116		24.55	25.10	26.75	31.10	34.75	34.65	35.65	31.20	456.300
	117		21.50	22.55	24.65	25.70	30.30	25.70	29.30	32.90	392.300
	118		24.85	27.55	32.95	32.65	39.10	37.50	34.00	33.40	490.600
	119		19.80	21.70	23.00	24.20	26.60	27.75	26.95	21.60	361.600
	120		21.60	23.75	26.10	27.15	33.05	30.25	32.95	29.10	418.800
	121		24.30	28.35	30.55	30.25	28.25	33.90	32.05	30.50	445.800
	122		24.95	26.05	30.25	28.65	32.45	36.20	33.85	32.70	457.500
-----			-----								-----
	Mean		23.100	24.600	26.400	28.200	30.300	31.800	31.200	28.800	420.150
	S.D.		1.800	2.400	4.800	2.100	3.600	3.000	2.100	3.600	29.951
	N		22	22	22	22	22	22	22	22	22
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* = result to left has an associated comment or marker

Food Consumption Units are g/animal/day

Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Food Consumption (grams/day)

Group Sex	Animal Number	From: To:	Gestation Day								Total 6 21
			6 8	8 10	10 12	12 14	14 16	16 18	18 20	20 21	
2f	201		24.35	25.80	27.20	28.65	29.65	34.10	33.45	33.60	440.000
	202		24.30	24.75	24.50	25.95	28.65	28.70	29.30	27.50	399.800
	203		21.55	20.75	23.40	24.20	23.65	26.80	27.55	26.40	362.200
	204		23.40	22.85	28.60	25.95	27.80	31.45	30.65	31.20	412.600
	205		22.90	24.20	27.95	27.00	31.45	33.05	32.00	33.60	430.700
	206		26.85	26.50	30.35	31.40	31.40	36.35	36.35	31.20	469.600
	207		23.45	23.70	27.45	26.40	29.65	33.80	31.65	29.70	421.900
	208		23.30	28.55	29.35	28.85	31.15	32.35	34.15	26.00	441.400
	209		20.45	24.70	26.20	30.05	27.70	31.80	31.50	27.10	411.900
	210		23.55	26.30	29.55	31.55	30.90	37.10	36.85	34.30	465.900
	211		26.40	26.20	28.25	28.95	30.10	32.05	32.75	26.90	436.300
	212		25.20	24.50	26.50	26.25	29.55	31.25	29.15	30.60	415.400
	213		17.50	23.30	23.90	26.65	27.25	27.60	30.80	25.10	379.100
	214		25.00	24.60	29.35	27.80	27.95	34.45	28.85	30.40	426.400
	215		26.70	24.80	23.55	26.15	31.20	28.75	28.70	30.90	410.600
	216		25.60	28.20	27.40	29.00	35.70	32.50	30.00	32.10	448.900
	217		23.10	24.15	25.85	27.60	30.85	30.20	29.75	27.70	410.700
	218		25.20	27.70	31.30	27.55	31.45	32.05	30.00	29.20	439.700
	219		24.40	28.30	29.75	31.45	30.10	34.45	34.95	33.10	459.900
	220		27.60	32.40	35.65	36.35	38.75	38.75	33.05	28.30	513.400
	221		22.50	24.80	24.90	26.75	27.00	27.45	26.10	24.90	383.900
	222		27.00	27.10	30.50	30.60	32.80	36.15	34.55	32.10	469.500
-----			-----								-----
	Mean		24.000	25.500	27.900	28.500	30.300	32.400	31.500	29.700	429.536
	S.D.		2.400	2.400	3.000	2.700	3.000	3.300	2.700	3.000	34.420
	N		22	22	22	22	22	22	22	22	22
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* = result to left has an associated comment or marker

Food Consumption Units are g/animal/day

Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Food Consumption (grams/day)

Group Sex	Animal Number	From: To:	Gestation Day								Total 6 21
			6 8	8 10	10 12	12 14	14 16	16 18	18 20	20 21	
3f	301		24.15	23.70	25.75	25.40	27.15	30.40	30.15	32.30	405.700
	302		22.75	22.25	25.15	24.50	24.90	28.25	27.95	26.90	378.400
	303		22.40	20.00	25.10	24.35	25.85	28.65	25.65	26.70	370.700
	304		22.35	21.75	22.80	24.15	24.85	30.30	29.20	29.30	380.100
	305		22.75	23.40	26.55	27.55	27.75	30.60	29.30	27.80	403.600
	306		25.10	22.95	27.85	28.05	31.70	35.30	35.70	33.30	446.600
	307		26.50	26.25	29.70	26.15	26.50	37.85	31.25	28.10	436.500
	308		19.55	22.85	21.75	23.40	25.95	27.55	28.25	28.30	366.900
	309		24.90	27.50	29.45	30.10	29.30	34.00	34.35	29.70	448.900
	310		24.95	24.90	27.60	25.80	27.60	32.30	31.95	27.30	417.500
	311		21.80	15.95	25.30	24.75	24.60	29.35	30.55	27.80	372.400
	312		24.35	30.80	24.70	26.55	30.70	33.30	33.35	30.30	437.800
	313		23.20	26.45	26.75	28.60	34.35	34.90	30.95	30.60	441.000
	314		21.95	22.90	23.70	25.50	27.40	27.40	29.50	30.50	387.200
	315		21.75	24.25	24.50	24.35	30.65	30.05	26.80	28.60	393.300
	316		16.60	20.80	22.60	21.80	34.55	27.70	26.40	27.60	368.500
	317		18.60	22.30	23.50	22.60	25.40	26.95	28.90	20.90	357.400
	318		23.60	27.00	27.40	25.80	26.00	28.00	31.95	31.10	410.600
	319		25.05	28.60	31.60	34.85	34.05	36.20	31.50	33.50	477.200
	320		24.00	17.15	27.10	23.90	28.05	30.00	28.95	26.50	384.800
	321		28.55	26.80	31.05	30.05	29.05	31.80	27.05	30.70	439.400
	322		26.30	27.90	28.80	28.20	33.05	32.85	31.35	34.60	451.500
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	Mean		23.100	24.000	26.400	26.100	28.500	31.200	30.000	29.100	408.000
	S.D.		2.700	3.600	2.700	3.000	3.300	3.000	2.700	3.000	34.538
	N		22	22	22	22	22	22	22	22	22
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* = result to left has an associated comment or marker

Food Consumption Units are g/animal/day

Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Individual Maternal Food Consumption (grams/day)

Group Sex	Animal Number	From: To:	Gestation Day								Total 6 21	
			6 8	8 10	10 12	12 14	14 16	16 18	18 20	20 21		
4f	401		21.35	21.00	28.05	24.15	24.65	30.75	26.85	27.10	380.700	
	402		23.95	22.15	26.10	26.95	26.90	30.75	22.60	25.10	383.900	
	403		28.10	26.70	31.35	30.15	33.25	34.40	31.05	34.20	464.200	
	404		17.75	18.95	24.30	25.70	24.00	27.95	22.10	18.60	340.100	
	405		28.40	25.25	33.80	28.65	28.65	35.30	32.20	34.70	459.200	
	406		23.35	23.50	26.85	26.85	28.05	34.90	25.85	27.40	406.100	
	407		23.55	25.15	26.70	26.65	25.80	33.45	31.45	30.00	415.500	
	408		25.55	27.05	28.45	32.10	32.05	37.65	32.35	30.70	461.100	
	409		22.05	24.20	24.70	28.30	25.20	32.00	30.90	27.30	402.000	
	410		26.00	24.70	26.90	26.10	26.35	33.35	33.75	24.20	418.500	
	411		23.05	22.80	25.90	24.00	25.50	32.55	26.85	25.00	386.300	
	412		20.75	26.65	28.05	27.30	26.05	36.00	31.70	21.50	414.500	
	413		13.85	22.00	22.00	22.25	28.75	29.15	29.05	18.70	352.800	
	414		18.00	21.35	19.90	21.60	26.70	24.35	28.25	29.90	350.200	
	415		22.15	24.25	21.90	22.65	24.05	25.60	25.65	20.20	352.700	
	416		22.40	23.15	26.65	21.35	23.85	27.15	24.65	22.60	361.000	
	417		19.05	22.35	23.85	22.95	29.30	31.10	26.10	25.20	374.600	
	418		32.65	33.70	34.60	11.90	25.75	12.50	11.45	6.60	331.700	
	419		24.85	26.30	28.50	25.90	31.95	34.20	27.40	31.80	430.000	
	420		23.10	25.05	28.20	24.25	28.20	33.55	27.65	30.30	410.300	
	421		28.10	32.45	33.60	23.05	27.10	35.80	30.55	31.10	452.400	
	422		21.35	22.05	25.15	25.60	31.05	34.90	26.25	26.30	399.000	
<hr/>			Mean	23.100	24.600	27.000	24.900	27.300	31.200	27.600	25.800	397.582
			S.D.	4.200	3.300	3.900	3.900	2.700	5.400	4.800	6.300	40.238
<hr/>			N	22	22	22	22	22	22	22	22	
<hr/>												

* = result to left has an associated comment or marker

Food Consumption Units are g/animal/day

Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 mg/kg/day

Group 2 - 20 mg/kg/day

Group 3 - 100 mg/kg/day

Group 4 - 500 mg/kg/day

Appendix I
Individual Maternal Gross Observations

Individual Maternal Gross Observations

Group: 1 Dose: 0 mg/kg/day Sex: Female

Animal Ref.	Mode Of Death	Death		Observation(s)
		Day	(Week)	
101	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
102	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
103	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
104	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
105	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
106	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
107	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
108	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
109	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
110	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
111	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
112	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
113	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
114	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
115	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
116	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
117	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
118	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
119	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
120	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
121	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
122	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions

Individual Maternal Gross Observations

Group: 2 Dose: 20 mg/kg/day Sex: Female

Animal Ref.	Mode Of Death	Death Day (Week)	Observation(s)
201	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
202	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
203	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
204	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
205	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
206	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
207	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
208	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
209	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
210	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
211	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
212	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
213	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
214	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
215	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
216	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
217	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
218	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
219	SACRIFICE BY DESIGN	21 (3)	KIDNEYS; right; Dilatation: Kidney saved along with corresponding control kidney. Any remaining protocol required tissues, which have been examined, have no visible lesions
220	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
221	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions
222	SACRIFICE BY DESIGN	21 (3)	No Visible Lesions

Individual Maternal Gross Observations

Group: 3 Dose: 100 mg/kg/day Sex: Female

Animal Ref.	Mode Of Death	Death		Observation(s)
		Day	(Week)	
301	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
302	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
303	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
304	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
305	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
306	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
307	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
308	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
309	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
310	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
311	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
312	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
313	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
314	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
315	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
316	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
317	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
318	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
319	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
320	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
321	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
322	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions

Individual Maternal Gross Observations

Group: 4 Dose: 500 mg/kg/day Sex: Female

Animal Ref.	Mode Of Death	Death		Observation(s)
		Day	(Week)	
401	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
402	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
403	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
404	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
405	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
406	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
407	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
408	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
409	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
410	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
411	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
412	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
413	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
414	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
415	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
416	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
417	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
418	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
419	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
420	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
421	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions
422	SACRIFICE BY DESIGN	21	(3)	No Visible Lesions

Appendix J
Individual Reproductive Data

Note: A column showing late resorptions appears in this appendix only if at least one late resorption occurred in the study.

Individual Reproductive Data

Group: 1 0 mg/kg/day

Dam Number	Number of Corpora Lutea		Number of Implantations		% Pre-implantation Loss	Number of Intra-Uterine Deaths				Total Deaths	% Post-implantation Loss	Live Fetuses as % of implantations		
	Left	Right	Left	Right		Early Resorption	L	R	Number of live fetuses	Left	Right	Left	Right	
101	4	6	4	6	0.0		0	0	0	0	0.0	4	6	100.0
102	6	10	2	7	43.8		0	0	0	0	0.0	2	7	100.0
103	7	9	6	7	18.8		0	0	0	0	0.0	6	7	100.0
104	7	6	5	5	23.1		0	0	0	0	0.0	5	5	100.0
105	5	2	5	2	0.0		0	0	0	0	0.0	5	2	100.0
106	5	9	4	8	14.3		0	0	0	0	0.0	4	8	100.0
107	5	6	5	6	0.0		0	0	0	0	0.0	5	6	100.0
108	13	9	8	5	40.9		0	0	0	0	0.0	8	5	100.0
109	9	9	8	8	11.1		0	0	0	0	0.0	8	8	100.0
110	3	7	3	7	0.0		0	0	0	0	0.0	3	7	100.0
111	8	13	6	6	42.9		0	0	0	0	0.0	6	6	100.0
112	4	6	3	6	10.0		0	0	0	0	0.0	3	6	100.0
113	8	5	8	5	0.0		0	0	0	0	0.0	8	5	100.0
114	7	5	7	5	0.0		0	0	0	0	0.0	7	5	100.0
115	5	8	5	8	0.0		0	0	0	0	0.0	5	8	100.0
116	7	11	6	10	11.1		0	0	0	0	0.0	6	10	100.0
117	6	10	5	10	6.3		0	0	0	0	0.0	5	10	100.0
118	7	7	7	6	7.1		0	0	0	0	0.0	7	6	100.0
119	9	7	9	5	12.5		0	0	0	0	0.0	9	5	100.0
120	3	9	2	9	8.3		0	0	0	0	0.0	2	9	100.0
121	7	10	6	9	11.8		0	0	0	0	0.0	6	9	100.0
122	7	8	6	8	6.7		0	0	0	0	0.0	6	8	100.0
Litter Mean	14.3	12.2	12.2							0.0		12.2	100.0	
S.D.	3.7	2.4										2.4		
N	22	22					22		22			22		

(NP) = Not Pregnant. (U) = Unscheduled Death. (TLL) = Total Litter Loss. (E) = Excluded. (A) = Abortion.

These dams are excluded from all group summary calculations.

Indices, which compare Implantations with Corpora Lutea, do not include animals, with an Implantation count > Corpora Lutea Count.

Indices, which compare Foetuses with Implantations, do not include animals, with a Fetus count > Implantation Count.

% / Mean is the percentage or mean of the individual values for the group

Individual Reproductive Data

Group: 2 20 mg/kg/day

Dam Number	Number of Corpora Lutea		Number of Implantations		% Pre-implantation Loss	Number of Intra-Uterine Deaths		Total Deaths	% Post-implantation Loss		Live Fetuses as % of implantations	
	Left	Right	Left	Right		Early Resorption L R	Total L R		Live fetuses Left Right	Implantations	Left	Right
201	10	12	4	11	31.8	0 0	0 0	0 0	4 11	100.0		
202	9	12	6	10	23.8	0 0	0 0	0 0	6 10	100.0		
203	5	8	5	8	0.0	0 0	0 0	0 0	5 8	100.0		
204	9	10	5	6	42.1	0 0	0 0	0 0	5 6	100.0		
205	7	6	7	6	0.0	0 0	0 0	0 0	7 6	100.0		
206	8	5	8	5	0.0	0 0	0 0	0 0	8 5	100.0		
207	10	8	5	6	38.9	0 0	0 0	0 0	5 6	100.0		
208	8	6	8	6	0.0	1 0	1 0	7.1	7 6	92.9		
209	8	4	8	4	0.0	0 0	0 0	0 0	8 4	100.0		
210	6	10	6	10	0.0	0 0	0 0	0 0	6 10	100.0		
211	4	9	4	9	0.0	0 0	0 0	0 0	4 9	100.0		
212	7	10	6	7	23.5	0 0	0 0	0 0	6 7	100.0		
213	5	7	5	7	0.0	0 1	0 1	8.3	5 6	91.7		
214	7	4	7	4	0.0	0 0	0 0	0 0	7 4	100.0		
215	4	8	4	8	0.0	0 0	0 0	0 0	4 8	100.0		
216	8	5	8	5	0.0	0 0	0 0	0 0	8 5	100.0		
217	10	8	8	5	27.8	0 0	0 0	0 0	8 5	100.0		
218	9	5	9	5	0.0	0 0	0 0	0 0	9 5	100.0		
219	6	7	6	7	0.0	0 0	0 0	0 0	6 7	100.0		
220	5	7	4	4	33.3	0 0	0 0	0 0	4 4	100.0		
221	4	8	4	8	0.0	0 0	0 0	0 0	4 8	100.0		
222	7	9	7	7	12.5	0 0	0 0	0 0	7 7	100.0		
Litter Mean	14.7	12.8	10.6			0.1		0.1	0.7		12.7	99.3
S.D.	3.2	1.8				0.3		0.3			1.8	
N	22	22				22		22			22	

(NP) = Not Pregnant. (U) = Unscheduled Death. (TLL) = Total Litter Loss. (E) = Excluded. (A) = Abortion.

These dams are excluded from all group summary calculations.

Indices, which compare Implantations with Corpora Lutea, do not include animals, with an Implantation count > Corpora Lutea Count.

Indices, which compare Foetuses with Implantations, do not include animals, with a Fetus count > Implantation Count.

% / Mean is the percentage or mean of the individual values for the group

Individual Reproductive Data

Group: 3 100 mg/kg/day

Dam Number	Number of Corpora Lutea		Number of Implantations		% Pre-implantation Loss	Number of Intra-Uterine Deaths		Total Deaths	% Post-implantation Loss		Live Fetuses as % of implantations		
	Left	Right	Left	Right		Early Resorption	L	R	L	Left	Right		
301	6	6	6	6	0.0	0	0	0	0.0	0.0	6	6	100.0
302	6	6	6	6	0.0	0	0	0	0.0	0.0	6	6	100.0
303	8	7	6	5	26.7	0	0	0	0.0	0.0	6	5	100.0
304	7	6	7	5	7.7	0	0	0	0.0	0.0	7	5	100.0
305	6	4	6	4	0.0	0	0	0	0.0	0.0	6	4	100.0
306	4	10	4	10	0.0	0	0	0	0.0	0.0	4	10	100.0
307	7	7	7	7	0.0	0	0	0	0.0	0.0	7	7	100.0
308	13	8	9	5	33.3	0	0	0	0.0	0.0	9	5	100.0
309	8	4	8	4	0.0	0	0	0	0.0	0.0	8	4	100.0
310	8	6	8	5	7.1	0	0	0	0.0	0.0	8	5	100.0
311	6	5	5	5	9.1	0	0	0	0.0	0.0	5	5	100.0
312	4	8	3	8	8.3	0	0	0	0.0	0.0	3	8	100.0
313	6	9	6	9	0.0	0	0	0	0.0	0.0	6	9	100.0
314	5	8	4	8	7.7	0	0	0	0.0	0.0	4	8	100.0
315	6	6	6	6	0.0	0	0	0	0.0	0.0	6	6	100.0
316	6	5	6	5	0.0	0	0	0	0.0	0.0	6	5	100.0
317	8	5	8	5	0.0	0	0	0	0.0	0.0	8	5	100.0
318	8	8	8	7	6.3	0	0	0	0.0	0.0	8	7	100.0
319	8	5	8	5	0.0	0	0	0	0.0	0.0	8	5	100.0
320	9	10	9	9	5.3	0	0	0	0.0	0.0	9	9	100.0
321	6	8	4	7	21.4	0	0	0	0.0	0.0	4	7	100.0
322	7	7	6	7	7.1	0	0	0	0.0	0.0	6	7	100.0
Litter Mean	13.6	12.6	6.4						0.0		12.6	100.0	
S.D.	2.5	1.9									1.9		
N	22	22					22		22		22		

(NP) = Not Pregnant. (U) = Unscheduled Death. (TLL) = Total Litter Loss. (E) = Excluded. (A) = Abortion.

These dams are excluded from all group summary calculations.

Indices, which compare Implantations with Corpora Lutea, do not include animals, with an Implantation count > Corpora Lutea Count.

Indices, which compare Foetuses with Implantations, do not include animals, with a Fetus count > Implantation Count.

% / Mean is the percentage or mean of the individual values for the group

Individual Reproductive Data

Group: 4 500 mg/kg/day

Dam Number	Number of Corpora Lutea		Number of Implantations		% Pre-implantation Loss	Number of Intra-Uterine Deaths				Total Deaths	% Post-implantation Loss	Live Fetuses as % of implantations		
	Left	Right	Left	Right		Early Resorption	L	R	Number of live fetuses	Left	Right	Left	Right	
401	5	11	4	8	25.0		0	0	0	0	0.0	4	8	100.0
402	5	6	5	5	9.1		0	2	0	2	20.0	5	3	80.0
403	4	8	4	8	0.0		0	0	0	0	0.0	4	8	100.0
404	6	6	6	6	0.0		0	0	0	0	0.0	6	6	100.0
405	7	6	7	6	0.0		0	0	0	0	0.0	7	6	100.0
406	9	5	9	5	0.0		0	0	0	0	0.0	9	5	100.0
407	7	7	7	6	7.1		0	0	0	0	0.0	7	6	100.0
408	5	8	5	7	7.7		0	0	0	0	0.0	5	7	100.0
409	1	8	1	8	0.0		0	0	0	0	0.0	1	8	100.0
410	8	6	8	6	0.0		0	0	0	0	0.0	8	6	100.0
411	7	6	5	6	15.4		0	0	0	0	0.0	5	6	100.0
412	5	3	5	3	0.0		0	0	0	0	0.0	5	3	100.0
413	9	7	8	6	12.5		0	0	0	0	0.0	8	6	100.0
414	6	5	6	5	0.0		0	0	0	0	0.0	6	5	100.0
415	2	5	2	5	0.0		0	0	0	0	0.0	2	5	100.0
416	5	8	5	8	0.0		0	0	0	0	0.0	5	8	100.0
417	6	4	6	4	0.0		1	1	1	1	20.0	5	3	80.0
418	11	4	11	4	0.0		0	0	0	0	0.0	11	4	100.0
419	8	4	8	4	0.0		0	0	0	0	0.0	8	4	100.0
420	7	7	7	7	0.0		0	0	0	0	0.0	7	7	100.0
421	5	10	5	10	0.0		0	0	0	0	0.0	5	10	100.0
422	5	6	5	6	0.0		2	0	2	0	18.2	3	6	81.8
Litter Mean	12.4	11.9	3.5		0.3		0.3		2.6		11.6		97.4	
S.D.	2.4	2.2			0.7		0.7				2.5			
N	22	22			22		22				22			

(NP) = Not Pregnant. (U) = Unscheduled Death. (TLL) = Total Litter Loss. (E) = Excluded. (A) = Abortion.

These dams are excluded from all group summary calculations.

Indices, which compare Implantations with Corpora Lutea, do not include animals, with an Implantation count > Corpora Lutea Count.

Indices, which compare Foetuses with Implantations, do not include animals, with a Fetus count > Implantation Count.

% / Mean is the percentage or mean of the individual values for the group

Appendix K
Individual Litter Data

Individual Litter Data

Group: 1 0 mg/kg/day

Dam Number	Number of Live Fetuses					% Live Male fetuses	Litter Weight (g)	Mean fetal weight (g)		
	Total	Males	Females	Herm.	Unsexed			Overall	Males	Females
101	10	6	4	0	0	60.0	60.55	6.055	6.107	5.977
102	9	3	6	0	0	33.3	49.90	5.544	5.620	5.507
103	13	7	6	0	0	53.8	65.63	5.048	5.243	4.822
104	10	4	6	0	0	40.0	58.01	5.801	5.835	5.778
105	7	3	4	0	0	42.9	42.21	6.030	6.160	5.933
106	12	6	6	0	0	50.0	68.64	5.720	5.778	5.662
107	11	3	8	0	0	27.3	67.64	6.149	6.460	6.033
108	13	7	6	0	0	53.8	72.31	5.562	5.644	5.467
109	16	5	11	0	0	31.3	89.92	5.620	5.936	5.476
110	10	4	6	0	0	40.0	59.39	5.939	6.138	5.807
111	12	4	8	0	0	33.3	71.10	5.925	6.183	5.796
112	9	5	4	0	0	55.6	56.06	6.229	6.368	6.055
113	13	6	7	0	0	46.2	76.75	5.904	6.037	5.790
114	12	6	6	0	0	50.0	75.10	6.258	6.328	6.188
115	13	4	9	0	0	30.8	76.40	5.877	6.140	5.760
116	16	8	8	0	0	50.0	87.61	5.476	5.646	5.305
117	15	9	6	0	0	60.0	80.07	5.338	5.474	5.133
118	13	8	5	0	0	61.5	80.69	6.207	6.317	6.030
119	14	3	11	0	0	21.4	80.44	5.746	5.870	5.712
120	11	8	3	0	0	72.7	66.78	6.071	6.219	5.677
121	15	9	6	0	0	60.0	84.17	5.611	5.720	5.448
122	14	5	9	0	0	35.7	83.40	5.957	6.222	5.810
Litter Mean	12.2	5.6	6.6	0.0	0.0	45.9	70.580	5.821	5.975	5.689
S.D.	2.4	2.0	2.1	0.0	0.0		12.491	0.310	0.321	0.325

(NP) = Not Pregnant. (U) = Unscheduled Death. (TLL) = Total Litter Loss. (E) = Excluded. (A) = Abortion.
 These dams are excluded from all group summary calculations.

Values for dead foetuses are not included in means. Herm.= Hermaphrodites

Litter mean is the mean of the litter values for the group

% / Mean is the percentage or mean of the individual values for the group

Individual Litter Data

Group: 2 20 mg/kg/day

Dam Number	Number of Live Fetuses					% Live Male fetuses	Litter Weight (g)	Mean fetal weight (g)		
	Total	Males	Females	Herm.	Unsexed			Overall	Males	Females
201	15	8	7	0	0	53.3	87.00	5.800	5.935	5.646
202	16	12	4	0	0	75.0	84.35	5.272	5.396	4.900
203	13	6	7	0	0	46.2	68.55	5.273	5.433	5.136
204	11	8	3	0	0	72.7	66.23	6.021	6.041	5.967
205	13	6	7	0	0	46.2	76.43	5.879	6.120	5.673
206	13	7	6	0	0	53.8	63.84	4.911	4.889	4.937
207	11	6	5	0	0	54.5	65.70	5.973	6.212	5.686
208	13	4	9	0	0	30.8	72.57	5.582	5.625	5.563
209	12	5	7	0	0	41.7	70.38	5.865	5.978	5.784
210a	16	6	9	0	0	37.5	87.45	5.830	5.915	5.773
211	13	8	5	0	0	61.5	76.76	5.905	5.967	5.804
212	13	9	4	0	0	69.2	75.12	5.778	5.919	5.462
213	11	6	5	0	0	54.5	55.51	5.046	5.232	4.824
214	11	6	5	0	0	54.5	63.17	5.743	5.818	5.652
215	12	6	6	0	0	50.0	68.68	5.723	5.865	5.582
216	13	8	5	0	0	61.5	77.18	5.937	6.129	5.630
217	13	5	8	0	0	38.5	74.63	5.741	6.026	5.562
218	14	6	8	0	0	42.9	84.13	6.009	6.382	5.730
219	13	5	8	0	0	38.5	76.52	5.886	6.140	5.728
220	8	1	7	0	0	12.5	45.02	5.628	6.210	5.544
221	12	9	3	0	0	75.0	63.51	5.292	5.369	5.063
222	14	5	9	0	0	35.7	79.79	5.699	5.850	5.616
Litter Mean	12.7	6.5	6.2	0.0	0.0	50.3	71.933	5.672	5.839	5.512
S.D.	1.8	2.2	1.9	0.0	0.0		10.341	0.315	0.369	0.322

a One fetus was inadvertently destroyed prior to examination; sex and body weight were not recorded.

(NP) = Not Pregnant. (U) = Unscheduled Death. (TLL) = Total Litter Loss. (E) = Excluded. (A) = Abortion.
These dams are excluded from all group summary calculations.

Values for dead foetuses are not included in means. Herm.= Hermaphrodites

Litter mean is the mean of the litter values for the group

% / Mean is the percentage or mean of the individual values for the group

Individual Litter Data

Group: 3 100 mg/kg/day

Dam Number	Number of Live Fetuses					% Live Male fetuses	Litter Weight (g)	Mean fetal weight (g)		
	Total	Males	Females	Herm.	Unsexed			Overall	Males	Females
301	12	4	8	0	0	33.3	73.50	6.125	6.372	6.001
302	12	7	5	0	0	58.3	66.98	5.582	5.724	5.382
303	11	3	8	0	0	27.3	63.70	5.791	6.063	5.689
304	12	6	6	0	0	50.0	69.27	5.772	5.862	5.683
305	10	6	4	0	0	60.0	62.83	6.283	6.448	6.035
306	14	9	5	0	0	64.3	84.40	6.029	6.179	5.758
307	14	7	7	0	0	50.0	78.26	5.590	5.757	5.423
308	14	7	7	0	0	50.0	79.25	5.661	5.757	5.564
309	12	5	7	0	0	41.7	73.71	6.143	6.258	6.060
310	13	7	6	0	0	53.8	69.70	5.362	5.544	5.148
311	10	5	5	0	0	50.0	65.78	6.578	6.942	6.214
312	11	4	7	0	0	36.4	66.62	6.056	6.165	5.994
313	15	5	10	0	0	33.3	88.20	5.880	6.108	5.766
314	12	6	6	0	0	50.0	69.44	5.787	6.043	5.530
315	12	6	6	0	0	50.0	73.87	6.156	6.385	5.927
316	11	3	8	0	0	27.3	60.29	5.481	5.650	5.418
317	13	8	5	0	0	61.5	70.48	5.422	5.523	5.260
318	15	6	9	0	0	40.0	83.75	5.583	5.892	5.378
319	13	9	4	0	0	69.2	72.83	5.602	5.727	5.323
320	18	10	8	0	0	55.6	93.67	5.204	5.366	5.001
321	11	4	7	0	0	36.4	63.49	5.772	5.935	5.679
322	13	4	9	0	0	30.8	79.30	6.100	6.308	6.008
Litter Mean	12.6	6.0	6.7	0.0	0.0	46.8	73.151	5.816	6.000	5.647
S.D.	1.9	1.9	1.6	0.0	0.0		8.800	0.337	0.370	0.332

(NP) = Not Pregnant. (U) = Unscheduled Death. (TLL) = Total Litter Loss. (E) = Excluded. (A) = Abortion.
 These dams are excluded from all group summary calculations.

Values for dead foetuses are not included in means. Herm.= Hermaphrodites

Litter mean is the mean of the litter values for the group

% / Mean is the percentage or mean of the individual values for the group

Individual Litter Data

Group: 4 500 mg/kg/day

Dam Number	Number of Live Fetuses					% Live Male fetuses	Litter Weight (g)	Mean fetal weight (g)		
	Total	Males	Females	Herm.	Unsexed			Overall	Males	Females
401	12	4	8	0	0	33.3	64.14	5.345	5.528	5.254
402	8	4	4	0	0	50.0	43.84	5.480	5.390	5.570
403	12	9	3	0	0	75.0	67.28	5.607	5.739	5.210
404	12	4	8	0	0	33.3	61.93	5.161	5.253	5.115
405	13	6	7	0	0	46.2	71.22	5.478	5.715	5.276
406	14	7	7	0	0	50.0	69.08	4.934	5.153	4.716
407	13	5	8	0	0	38.5	71.50	5.500	5.798	5.314
408	12	2	10	0	0	16.7	66.16	5.513	5.795	5.457
409	9	7	2	0	0	77.8	51.00	5.667	5.730	5.445
410	14	9	5	0	0	64.3	72.31	5.165	5.356	4.822
411	11	6	5	0	0	54.5	55.45	5.041	5.148	4.912
412	8	5	3	0	0	62.5	46.68	5.835	5.934	5.670
413	14	5	9	0	0	35.7	64.18	4.584	4.674	4.534
414	11	3	8	0	0	27.3	57.69	5.245	5.403	5.185
415	7	3	4	0	0	42.9	40.42	5.774	5.847	5.720
416	13	10	3	0	0	76.9	67.64	5.203	5.236	5.093
417	8	4	4	0	0	50.0	44.78	5.597	5.938	5.257
418	15	7	8	0	0	46.7	45.13	3.009	3.036	2.985
419	12	4	8	0	0	33.3	65.21	5.434	5.668	5.317
420	14	7	7	0	0	50.0	75.42	5.387	5.596	5.179
421	15	8	7	0	0	53.3	81.32	5.421	5.535	5.291
422	9	5	4	0	0	55.6	47.78	5.309	5.320	5.295
Litter Mean	11.6	5.6	6.0	0.0	0.0	48.8	60.462	5.259	5.400	5.119
S.D.	2.5	2.2	2.3	0.0	0.0		11.803	0.577	0.612	0.556

(NP) = Not Pregnant. (U) = Unscheduled Death. (TLL) = Total Litter Loss.(E) = Excluded. (A) = Abortion.
 These dams are excluded from all group summary calculations.

Values for dead foetuses are not included in means. Herm.= Hermaphrodites

Litter mean is the mean of the litter values for the group

% / Mean is the percentage or mean of the individual values for the group

Appendix L
Individual Fetal Data

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
101						CL_Left 4 CL_Right 6 Gravid Uterus Wt (g) 81.95 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Visc	5.50		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Skel	6.19		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Visc	6.26		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Skel	5.68		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Visc	6.68		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R02	Viab	Skel	5.47		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R03	Viab	Visc	5.95		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R04	Viab	Skel	6.17		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R05	Viab	Visc	6.40		M	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
101	R05	Viab	Visc	6.40	M	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	6.25	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
102						CL_Left 6 CL_Right 10 Gravid Uterus Wt (g) 75.73 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	6.29	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.46	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Lumbar centrum, 3rd, Misaligned, Variation
	R01	Viab	Skel	6.25	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.56	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	6.31	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.13	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.63	F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
102	R05	Viab	Skel	5.63	F	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	4.97	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Lumbar centrum, 2nd, Misaligned, Variation
	R07	Viab	Skel	4.30	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
103						CL_Left 7 CL_Right 9 Gravid Uterus Wt (g) 91.91 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.65	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	4.31	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.61	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	4.58	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Vertebrae, Lumbar centrum, Multiple Sites, Unossified, Malformation Skeletal - Body, Vertebrae, Lumbar centrum, 1st, Misaligned, Variation Skeletal - Body, Vertebrae, Thoracic centrum, Multiple Sites, Bipartite ossification, Variation Skeletal - Body, Vertebrae, Thoracic centrum, 7th, Misshapen, Malformation
	L05	Viab	Visc	4.36	M	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
103	L05	Viab	Visc	4.36	M	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 5th, Misaligned, Variation
	L06	Viab	Skel	5.77	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.81	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.42	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	4.60	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.53	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.93	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	3.93	F	External, Tail, Acaudate, Malformation Visceral, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
	R07	Viab	Skel	4.13	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
103	R07	Viab	Skel	4.13	F	Skeletal - Body, No Abnormalities Detected
104						CL_Left 7 CL_Right 6 Gravid Uterus Wt (g) 81.14 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Skel	5.99		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Visc	5.48		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Skel	5.89		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Visc	5.73		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L05	Viab	Skel	5.72		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Visc	5.79		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R02	Viab	Skel	5.65		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R03	Viab	Visc	6.00		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
104	R03	Viab	Visc	6.00	F	Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.85	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.91	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
105						CL_Left 5 CL_Right 2 Gravid Uterus Wt (g) 58.62 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Skel	6.41	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected	
	L02	Viab	Visc	6.21	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	6.26	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Visc	5.94	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected	
L05	Viab	Skel	5.73	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected	
R01	Viab	Visc	5.81	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected	

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
105	R01	Viab	Visc	5.81	M	Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.85	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
106						CL_Left 5 CL_Right 9 Gravid Uterus Wt (g) 94.37 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	6.08	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.83	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	L03	Viab	Skel	6.05	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.87	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
	R01	Viab	Skel	5.47	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.46	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.88	F	External, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
106	R03	Viab	Skel	5.88	F	Skeletal - Head, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 12th, Bipartite ossification, Variation Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
	R04	Viab	Visc	5.37	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.68	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	5.13	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	6.07	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Visc	5.75	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
107	L01	Viab	Visc	6.34	F	CL_Left 5 CL_Right 6 Gravid Uterus Wt (g) 89.64 Pregnancy Type: Pregnant Early PM: No
	L02	Viab	Skel	6.17	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
107	L02	Viab	Skel	6.17	F	Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	6.34	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	6.02	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.85	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	6.00	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	6.62	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	6.00	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
	R04	Viab	Visc	5.80	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	6.42	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	6.08	F	External, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
107	R06	Viab	Skel	6.08	F	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
108	L01	Viab	Skel	5.45		CL_Left 13 CL_Right 9 Gravid Uterus Wt (g) 97.77 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	5.45	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.69	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.48	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.19	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	4.03	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.82	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Skel	5.68	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Visc	6.47	M	External, No Abnormalities Detected Head, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
108	L08	Viab	Visc	6.47	M	Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.57	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.46	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.54	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.87	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	6.06	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
109						CL_Left 9 CL_Right 9 Gravid Uterus Wt (g) 125.87 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.81	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.50	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.69	F	External, No Abnormalities Detected Head, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
109	L03	Viab	Visc	5.69	F	Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	6.16	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.20	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	L06	Viab	Skel	5.35	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	6.00	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Skel	5.95	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.56	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.10	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.84	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
109	R04	Viab	Skel	5.53	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.47	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.12	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Visc	5.57	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Skel	6.07	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
110						CL_Left 3 CL_Right 7 Gravid Uterus Wt (g) 83.33 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	6.00	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.97	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	6.71	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 12th, Bipartite ossification, Variation

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
110	R01	Viab	Skel	5.73	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.80	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.87	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.84	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.60	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
	R06	Viab	Visc	6.07	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	5.80	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
111						CL_Left 8 CL_Right 13 Gravid Uterus Wt (g) 94.58 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	5.80	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
111	L02	Viab	Visc	5.70	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 13th, Bipartite ossification, Variation
	L03	Viab	Skel	5.62	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	6.28	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.61	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	6.20	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	6.41	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.87	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	6.26	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.78	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
111	R04	Viab	Skel	5.78	F	Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.73	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.84	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
112						CL_Left 4 CL_Right 6 Gravid Uterus Wt (g) 76.62 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Visc	6.01		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.45	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03*	Viab	Visc	6.20	F	10th rib on left missing External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Skel	6.29		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	6.17	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	6.28	F	External, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
112	R03	Viab	Skel	6.28	F	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	6.48	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	6.78	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	6.40	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
113						CL_Left 8 CL_Right 5 Gravid Uterus Wt (g) 103.38 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	6.05	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.66	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	6.11	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.73	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.78	F	External, No Abnormalities Detected Head, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
113	L05	Viab	Visc	5.78	F	Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	6.16	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	6.05	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Skel	5.63	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.57	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.86	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.91	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.85	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	6.39	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

114

CL_Left 7 CL_Right 5 Gravid Uterus Wt (g) 97.54

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
114						Pregnancy Type: Pregnant Early PM: No
L01	Viab	Visc		6.56	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Skel		6.22	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Visc		6.46	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Skel		6.32	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L05	Viab	Visc		6.12	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L06	Viab	Skel		6.19	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L07	Viab	Visc		6.40	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Skel		5.75	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R02	Viab	Visc		6.48	M	External, No Abnormalities Detected Head, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
114	R02	Viab	Visc	6.48	M	Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	6.18	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	6.36	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	6.06	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
115						CL_Left 5 CL_Right 8 Gravid Uterus Wt (g) 103.85 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	6.15	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.84	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.59	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	6.00	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	L05	Viab	Skel	5.73	F	External, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
115	L05	Viab	Skel	5.73	F	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Visc		5.56	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R02	Viab	Skel		5.45	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R03	Viab	Visc		5.99	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R04	Viab	Skel		5.45	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R05	Viab	Visc		6.24	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R06	Viab	Skel		6.40	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
R07	Viab	Visc		6.02	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R08	Viab	Skel		5.98	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
116						CL_Left 7 CL_Right 11 Gravid Uterus Wt (g) 123.33 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Skel	5.55		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Visc	5.64		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Skel	5.41		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Visc	5.74		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L05	Viab	Skel	5.45		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L06	Viab	Visc	6.13		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 11th, Bipartite ossification, Variation
R01	Viab	Skel	4.41		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R02	Viab	Visc	5.61		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
116	R03	Viab	Skel	5.46	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.36	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.64	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	5.66	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	5.78	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Visc	4.77	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
	R09	Viab	Skel	5.22	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R10	Viab	Visc	5.78	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

117

CL_Left 6 CL_Right 10 Gravid Uterus Wt (g) 108.49
Pregnancy Type: Pregnant Early PM: No

'*' = Comment Present.

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
117	L01	Viab	Visc	5.47	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	4.65	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.30	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.76	M	External, No Abnormalities Detected Skeletal - Head, Skull, Parietal, Bilateral, Incomplete ossification, Variation Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.72	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.47	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.54	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.29	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	4.94	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
117	R05	Viab	Skel	5.51	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	5.45	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	5.66	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Visc	5.29	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R09	Viab	Skel	4.77	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R10	Viab	Skel	5.25	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	CL_Left 7 CL_Right 7 Gravid Uterus Wt (g) 106.91					
	Pregnancy Type: Pregnant Early PM: No					
	L01	Viab	Visc	6.47	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	6.24	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	6.34	F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
118	L03	Viab	Visc	6.34	F	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 11th, Bipartite ossification, Variation
	L04	Viab	Skel	6.33	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05*	Viab	Visc	5.73	F	Skeletal elements missing, paw, rear, bilateral External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06*	Viab	Skel	6.33	M	Skeletal elements missing, paw, rear, right External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	6.52	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	6.28	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	6.04	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.98	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	6.30	M	External, No Abnormalities Detected Head, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
118	R04	Viab	Visc	6.30	M	Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.57	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 12th, Bipartite ossification, Variation
	R06	Viab	Skel	6.56	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
119						CL_Left 9 CL_Right 7 Gravid Uterus Wt (g) 102.42 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Visc	6.10		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	Viab	Skel	5.72		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	Viab	Visc	5.52		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Skel	5.98		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L05	Viab	Visc	5.43		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L06	Viab	Skel	5.60		F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
119	L06	Viab	Skel	5.60	F	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	5.75	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Skel	5.59	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L09	Viab	Visc	5.68	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.90	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.93	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.80	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	R04	Viab	Visc	5.49	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.95	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
120						CL_Left 3 CL_Right 9 Gravid Uterus Wt (g) 88.33 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Skel		5.64	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Visc		6.47	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Skel		6.21	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R02	Viab	Visc		6.30	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R03	Viab	Skel		6.11	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R04	Viab	Visc		5.79	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R05	Viab	Skel		5.60	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R06	Viab	Visc		6.28	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R07	Viab	Skel		6.19	M	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
120	R07	Viab	Skel	6.19	M	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Visc	5.77	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R09	Viab	Skel	6.42	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
121						CL_Left 7 CL_Right 10 Gravid Uterus Wt (g) 110.41 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	6.05	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.80	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.57	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.21	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.38	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.72	M	External, No Abnormalities Detected Head, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
121	L06	Viab	Visc	5.72	M	Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Skel		5.96	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R02	Viab	Visc		5.56	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R03	Viab	Skel		5.09	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R04	Viab	Visc		5.43	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R05	Viab	Skel		5.76	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R06	Viab	Visc		5.63	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R07	Viab	Skel		5.85	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R08	Viab	Visc		5.73	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R09	Viab	Skel		5.43	F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
121	R09	Viab	Skel	5.43	F	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
122	L01	Viab	Visc	6.04	F	CL_Left 7 CL_Right 8 Gravid Uterus Wt (g) 113.15 Pregnancy Type: Pregnant Early PM: No External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	6.48	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.61	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	6.22	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.96	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	6.59	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.38	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	6.01	M	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 1 0 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
122	R02	Viab	Skel	6.01	M	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.81	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.71	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.84	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.95	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Visc	6.06	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 10th, Bipartite ossification, Variation
	R08	Viab	Skel	5.74	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
201						CL_Left 10 CL_Right 12 Gravid Uterus Wt (g) 115.37 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Skel		5.78	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Visc		6.04	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Skel		6.03	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Visc		6.39	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Skel		5.77	M	External, No Abnormalities Detected Skeletal - Head, Skull, Parietal, Bilateral, Incomplete ossification, Variation Skeletal - Body, No Abnormalities Detected
R02*	Viab	Visc		5.73	F	13th rib, right, missing External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R03	Viab	Skel		5.54	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R04	Viab	Visc		5.71	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
201	R05	Viab	Skel	5.93	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	5.68	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	5.64	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, 13th right, Short, Variation
	R08	Viab	Visc	5.04	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R09	Viab	Skel	5.61	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R10	Viab	Visc	6.02	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R11	Viab	Skel	6.09	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	CL_Left 9 CL_Right 12 Gravid Uterus Wt (g) 115.54					Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	5.73	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 12th, Bipartite ossification, Variation Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left

'*' = Comment Present.

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
202	L01	Viab	Skel	5.73	M	14th left
	L02	Viab	Visc	4.88	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.60	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.52	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.13	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.13	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	4.88	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.36	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.21	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.33	M	External, No Abnormalities Detected Head, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
202	R04	Viab	Visc	5.33	M	Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	R05	Viab	Skel	4.68	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	5.47	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	5.77	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Visc	4.91	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R09	Viab	Skel	5.37	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R10	Viab	Visc	5.38	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	CL_Left 5 CL_Right 8 Gravid Uterus Wt (g) 95.28 Pregnancy Type: Pregnant Early PM: No					
	L01	Viab	Skel	5.62	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.51	M	External, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
203	L02	Viab	Visc	5.51	M	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.41	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.46	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.09	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	4.85	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.21	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.87	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.43	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.17	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
203	R06	Viab	Skel	4.91	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Visc	5.12	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Skel	4.90	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
204						CL_Left 9 CL_Right 10 Gravid Uterus Wt (g) 88.34 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.96	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	6.00	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	6.25	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.91	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.99	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
204	R01	Viab	Skel	5.32	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
	R02	Viab	Visc	6.16	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	6.32	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.82	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	6.12	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	6.38	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
205	L01*	Viab	Visc	5.90	M	CL_Left 7 CL_Right 6 Gravid Uterus Wt (g) 96.03 Pregnancy Type: Pregnant Early PM: No rib, 12th left, missing External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	6.16	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
205	L03	Viab	Visc	5.59	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	6.44	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
	L05	Viab	Visc	5.75	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	6.42	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	5.86	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
	R01	Viab	Skel	5.71	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.58	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.77	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	6.22	M	External, No Abnormalities Detected Head, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
205	R04	Viab	Visc	6.22	M	Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.49	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.54	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
206						CL_Left 8 CL_Right 5 Gravid Uterus Wt (g) 93.66 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	4.79	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.10	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	4.98	M	External, General, General, Anasarca, Malformation Head, No Abnormalities Detected Visceral, Abdomen, Adrenal gland, Bilateral, Hemorrhagic, Variation Visceral, Abdomen, Adrenal gland, Bilateral, Enlarged, Variation Skeletal - Body, Vertebrae, Thoracic centrum, 5th, Hemicentric, Variation Skeletal - Body, Vertebrae, Thoracic centrum, 8th, Bipartite ossification, Variation Skeletal - Body, Vertebrae, Thoracic centrum, 13th, Hemicentric, Variation Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left Skeletal - Body, Sternebrae, Sternebrae, Multiple Sites, Incomplete ossification, Variation
	L04	Viab	Skel	3.66	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
206	L04	Viab	Skel	3.66	M	Skeletal - Body, Vertebrae, Thoracic centrum, 10th, Bipartite ossification, Variation
	L05	Viab	Visc	5.08	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	5.12	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 11th, Bipartite ossification, Variation
	L07	Viab	Visc	4.95	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 12th, Bipartite ossification, Variation
	L08	Viab	Skel	5.53	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.00	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	4.79	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	4.57	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.23	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
206	R05	Viab	Skel	5.04	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
207	L01	Viab	Visc	5.32	F	CL_Left 10 CL_Right 8 Gravid Uterus Wt (g) 88.49 Pregnancy Type: Pregnant Early PM: No External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.76	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.68	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	6.08	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	6.09	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	6.06	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	6.45	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
207	R03	Viab	Skel	6.66	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	6.17	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.59	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.84	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
208						CL_Left 8 CL_Right 6 Gravid Uterus Wt (g) 97.61 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	5.42	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.79	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.31	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.73	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.66	F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
208	L05	Viab	Skel	5.66	F	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.53	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Earl				
	L08	Viab	Skel	5.60	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.48	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.69	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.49	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.44	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.85	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.58	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
209						CL_Left 8 CL_Right 4 Gravid Uterus Wt (g) 97.97 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Skel		5.99	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Visc		6.11	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Skel		6.16	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Visc		5.75	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L05	Viab	Skel		5.49	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L06	Viab	Visc		5.72	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L07	Viab	Skel		5.74	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L08	Viab	Visc		5.76	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Skel		5.60	F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
209	R01	Viab	Skel	5.60	F	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	6.24	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.88	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.94	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
210						CL_Left 6 CL_Right 10 Gravid Uterus Wt (g) 120.88 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.63	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.78	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	6.12	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Lumbar centrum, 3rd, Misaligned, Variation
	L04	Viab	Skel	5.98	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.73	F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
210	L05	Viab	Visc	5.73	F	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	6.06	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	R01*	Viab	Visc			fetus was inadvertently destroyed prior to examination
	R02	Viab	Skel	5.86	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.83	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.48	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	6.00	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	R06	Viab	Skel	5.51	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Visc	5.60	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Skel	5.84	M	External, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
210	R08	Viab	Skel	5.84	M	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R09	Viab	Visc	5.84	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R10	Viab	Skel	6.19	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
211						CL_Left 4 CL_Right 9 Gravid Uterus Wt (g) 99.20 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	5.59	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.75	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.99	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	6.15	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.90	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.78	F	External, No Abnormalities Detected Head, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
211	R02	Viab	Visc	5.78	F	Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	6.06	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.92	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.71	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	5.98	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	5.98	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Visc	5.58	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R09	Viab	Skel	6.37	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
212						CL_Left 7 CL_Right 10 Gravid Uterus Wt (g) 96.90 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.36	F	External, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
212	L01	Viab	Visc	5.36	F	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	6.14	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	L03	Viab	Visc	5.92	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	6.03	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	L05	Viab	Visc	5.55	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 11th, Bipartite ossification, Variation
	L06	Viab	Skel	5.58	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.77	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.58	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	6.49	M	External, No Abnormalities Detected Head, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
212	R03	Viab	Visc	6.49	M	Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.33	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	6.42	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.58	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	5.37	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	CL_Left 5 CL_Right 7 Gravid Uterus Wt (g) 80.46					
	Pregnancy Type: Pregnant Early PM: No					
213	L01	Viab	Skel	5.22	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.40	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.29	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	4.81	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
213	L04	Viab	Visc	4.81	F	Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.25	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	4.40	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Earl				
	R03	Viab	Skel	5.39	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.24	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	4.33	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	5.69	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	4.49	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 12th, Bipartite ossification, Variation
214						CL_Left 7 CL_Right 4 Gravid Uterus Wt (g) 86.84 Pregnancy Type: Pregnant Early PM: No

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
214	L01	Viab	Skel	5.58	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.76	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.79	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.53	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.81	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.78	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Skel	5.50	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.40	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.78	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
214	R03	Viab	Visc	5.75	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	6.49	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
215						CL_Left 4 CL_Right 8 Gravid Uterus Wt (g) 101.01 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	6.08	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
	L02	Viab	Skel	6.01	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.92	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	6.13	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.56	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.35	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
215	R03	Viab	Visc	5.65	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.70	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
	R05	Viab	Visc	5.50	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.37	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
	R07	Viab	Visc	5.76	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Skel	5.65	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
216	L01	Viab	Skel	6.09	M	CL_Left 8 CL_Right 5 Gravid Uterus Wt (g) 102.58 Pregnancy Type: Pregnant Early PM: No External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.95	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
216	L02	Viab	Visc	5.95	M	Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.22	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.83	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.90	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.61	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Skel	5.60	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Visc	6.26	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	6.23	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.87	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	6.18	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
216	R03	Viab	Skel	6.18	M	Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.89	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	6.55	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
217						CL_Left 10 CL_Right 8 Gravid Uterus Wt (g) 95.53 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.62	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.94	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.45	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.39	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	6.25	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	5.79	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
217	L06	Viab	Skel	5.79	M	Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	6.03	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Skel	5.45	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.50	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	6.12	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.77	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.61	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.71	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	CL_Left 9 CL_Right 5 Gravid Uterus Wt (g) 110.58					
	Pregnancy Type: Pregnant Early PM: No					
L01						F External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, 13th left, Short, Variation

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
218	L02	Viab	Visc	6.30	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.37	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	6.08	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.51	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	6.64	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Skel	6.31	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Visc	5.67	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L09	Viab	Skel	6.85	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	6.08	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
218	R02	Viab	Skel	5.69	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.75	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	6.11	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.92	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
219						CL_Left 6 CL_Right 7 Gravid Uterus Wt (g) 103.00 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.52	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.86	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	6.60	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	6.14	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
219	L05	Viab	Visc	5.83	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	5.76	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	6.06	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	6.37	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.32	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.54	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.80	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.67	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	6.05	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
220						CL_Left 5 CL_Right 7 Gravid Uterus Wt (g) 65.30 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Skel	5.36		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 6th, Bipartite ossification, Variation Skeletal - Body, Vertebrae, Thoracic centrum, 9th, Bipartite ossification, Variation Skeletal - Body, Vertebrae, Thoracic centrum, 12th, Bipartite ossification, Variation
L02	Viab	Visc	5.03		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 13th, Bipartite ossification, Variation
L03	Viab	Skel	5.76		F	External, No Abnormalities Detected Skeletal - Head, Skull, Parietal, Bilateral, Incomplete ossification, Variation Skeletal - Body, No Abnormalities Detected
L04	Viab	Visc	5.78		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Skel	5.45		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 11th, Bipartite ossification, Variation Skeletal - Body, Vertebrae, Thoracic centrum, 12th, Bipartite ossification, Variation Skeletal - Body, Vertebrae, Thoracic centrum, 13th, Bipartite ossification, Variation
R02	Viab	Visc	5.53		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
220	R03	Viab	Skel	5.90	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	6.21	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
221						CL_Left 4 CL_Right 8 Gravid Uterus Wt (g) 86.15 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.40	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.42	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.37	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.60	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	4.94	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 12th, Bipartite ossification, Variation
	R02	Viab	Skel	5.14	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
221	R03	Viab	Visc	5.73	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.30	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	4.87	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.33	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Visc	5.49	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Skel	4.92	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
222						CL_Left 7 CL_Right 9 Gravid Uterus Wt (g) 106.48 Pregnancy Type: Pregnant Early PM: No
	L01*	Viab	Skel	5.50	F	centrum disarticulated External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.66	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
222	L03	Viab	Skel	5.49	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.71	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.92	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.48	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Skel	5.66	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.57	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.27	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	6.21	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.75	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 2 20 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
222	R05	Viab	Visc	5.70	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.97	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Visc	5.90	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
301						CL_Left 6 CL_Right 6 Gravid Uterus Wt (g) 98.91 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Skel		5.84	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Visc		6.60	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Skel		5.78	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Visc		5.48	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L05	Viab	Skel		5.76	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L06	Viab	Visc		6.05	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Skel		6.37	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R02	Viab	Visc		6.09	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R03	Viab	Skel		6.33	F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
301	R03	Viab	Skel	6.33	F	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	6.43	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	6.13	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	6.64	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
302						CL_Left 6 CL_Right 6 Gravid Uterus Wt (g) 89.34 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.73	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.21	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.55	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
	L04	Viab	Skel	5.89	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral

'*' = Comment Present.

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
302	L05	Viab	Visc	5.43	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	5.74	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.61	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.78	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.62	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.41	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	R05	Viab	Visc	5.11	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.90	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
303						CL_Left 8 CL_Right 7 Gravid Uterus Wt (g) 87.11 Pregnancy Type: Pregnant Early PM: No

'*' = Comment Present.

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
303	L01	Viab	Skel	5.72	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	4.99	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.77	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.78	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	6.23	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.88	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.70	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.79	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	6.08	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
303	R04	Viab	Visc	5.88	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.88	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
304	L01	Viab	Skel	5.80		CL_Left 7 CL_Right 6 Gravid Uterus Wt (g) 89.55 Pregnancy Type: Pregnant Early PM: No
	L02	Viab	Visc	5.89	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	L03	Viab	Skel	5.62	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	L04	Viab	Visc	5.68	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.87	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.49	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
304	L06	Viab	Visc	5.49	M	Skeletal - Body, No Abnormalities Detected
	L07	Viab	Skel	6.06	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	6.18	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.69	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
	R03	Viab	Visc	5.91	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
	R04	Viab	Skel	5.71	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.37	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
305						CL_Left 6 CL_Right 4 Gravid Uterus Wt (g) 86.94 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	6.50	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
305	L02	Viab	Skel	5.90	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	6.62	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	6.02	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	6.73	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	6.33	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	6.11	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	6.17	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	6.40	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	6.05	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
306						CL_Left 4 CL_Right 10 Gravid Uterus Wt (g) 115.17 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Visc	5.68		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Skel	6.22		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Visc	7.05		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Skel	6.64		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Visc	5.76		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R02	Viab	Skel	5.99		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R03	Viab	Visc	6.06		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R04	Viab	Skel	5.95		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R05	Viab	Visc	6.02		M	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
306	R05	Viab	Visc	6.02	M	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.93	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Visc	5.46	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Skel	5.67	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R09	Viab	Visc	5.87	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R10	Viab	Skel	6.10	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	CL_Left 7 CL_Right 7 Gravid Uterus Wt (g) 103.01					
	Pregnancy Type: Pregnant Early PM: No					
	L01	Viab	Skel	5.49	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.34	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.79	M	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
307	L03	Viab	Skel	5.79	M	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.27	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.38	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.13	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Lumbar centrum, 2nd, Misaligned, Variation
	L07	Viab	Skel	6.20	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.67	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.79	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.75	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.79	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.16	F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
307	R05	Viab	Visc	5.16	F	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.76	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Visc	5.74	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
308						CL_Left 13 CL_Right 8 Gravid Uterus Wt (g) 107.34 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.52	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.12	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.68	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.96	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.94	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
308	L06	Viab	Skel	5.76	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	5.78	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Skel	5.46	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L09	Viab	Visc	5.04	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.95	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.54	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Lumbar centrum, 1st, Misaligned, Variation
	R03	Viab	Skel	5.68	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.53	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	6.29	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
309						CL_Left 8 CL_Right 4 Gravid Uterus Wt (g) 97.36 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Skel	6.07		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Visc	6.26		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Skel	6.17		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Visc	6.18		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L05	Viab	Skel	5.64		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L06	Viab	Visc	6.27		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L07	Viab	Skel	6.17		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
L08	Viab	Visc	5.91		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
309	R01	Viab	Skel	6.13	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	6.41	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	6.16	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	6.34	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
310						CL_Left 8 CL_Right 6 Gravid Uterus Wt (g) 93.81 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.13	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.39	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.27	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.73	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
310	L05	Viab	Visc	4.95	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	5.36	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	4.78	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Skel	5.05	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.29	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.42	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.43	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	6.07	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.83	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
311						CL_Left 6 CL_Right 5 Gravid Uterus Wt (g) 88.62 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Skel	6.89		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Visc	6.73		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Skel	7.07		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Visc	6.85		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L05	Viab	Skel	6.34		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Visc	6.06		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Lumbar centrum, 2nd, Misaligned, Variation
R02	Viab	Skel	6.06		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
R03	Viab	Visc	6.94		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Lumbar centrum, 1st, Misaligned, Variation

'*' = Comment Present.

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
311	R04	Viab	Skel	6.96	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.88	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
312						CL_Left 4 CL_Right 8 Gravid Uterus Wt (g) 91.62 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Visc	6.09		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Skel	6.30		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Visc	6.20		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Skel	5.99		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R02	Viab	Visc	6.05		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R03	Viab	Skel	5.88		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
312	R04	Viab	Visc	6.38	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	6.07	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	5.89	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	5.61	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Skel	6.16	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
313						CL_Left 6 CL_Right 9 Gravid Uterus Wt (g) 119.64 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	6.20	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.24	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	6.35	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
313	L04	Viab	Skel	5.71	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	6.16	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	6.00	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.61	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	6.19	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.78	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.88	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.66	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.52	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
313	R07	Viab	Visc	5.85	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Skel	5.86	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
	R09	Viab	Skel	6.19	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
314						CL_Left 5 CL_Right 8 Gravid Uterus Wt (g) 94.98 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.84	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.69	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	6.04	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	6.15	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	6.11	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
314	R02	Viab	Skel	6.14	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.35	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.59	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, 13th bilateral, Short, Variation
	R05	Viab	Visc	5.88	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.30	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Visc	5.94	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Skel	5.41	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	CL_Left 6 CL_Right 6 Gravid Uterus Wt (g) 100.13 Pregnancy Type: Pregnant Early PM: No					
315	L01	Viab	Skel	5.88	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.79	F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
315	L02	Viab	Visc	5.79	F	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	6.59	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	6.50	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.43	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	6.63	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.99	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.98	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	6.12	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	6.48	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
315	R05*	Viab	Skel	6.25	F	centrum disarticulated;several ribs missing. External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	6.23	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
316	L01	Viab	Skel	5.40	F	CL_Left 6 CL_Right 5 Gravid Uterus Wt (g) 82.26 Pregnancy Type: Pregnant Early PM: No External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.15	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	L03	Viab	Skel	5.60	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.82	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L05	L05	Viab	Skel	5.24	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.52	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
316	R01	Viab	Skel	5.50	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.70	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.57	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.11	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.68	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
317						CL_Left 8 CL_Right 5 Gravid Uterus Wt (g) 95.81 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.83	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.07	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.08	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
317	L04	Viab	Skel	5.06	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.18	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	5.57	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	5.45	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Skel	5.75	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.49	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.80	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.63	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04*	Viab	Skel	5.55	M	missing ribs, 11th to 13th left External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
317	R05	Viab	Skel	5.02	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
318	L01	Viab	Visc	5.23	F	CL_Left 8 CL_Right 8 Gravid Uterus Wt (g) 108.85 Pregnancy Type: Pregnant Early PM: No External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.94	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	6.22	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.94	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.25	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	5.28	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	5.16	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
318	L08	Viab	Skel	5.68	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.82	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.31	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.53	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.99	M	External, No Abnormalities Detected Skeletal - Head, Skull, Parietal, Bilateral, Incomplete ossification, Variation Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.38	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.44	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	5.58	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
319						CL_Left 8 CL_Right 5 Gravid Uterus Wt (g) 103.69 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.49	M	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
319	L01	Viab	Visc	5.49	M	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	6.29	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.61	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.52	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.82	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	5.51	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	5.31	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Skel	5.91	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.67	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
319	R02	Viab	Skel	5.93	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.07	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.26	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.44	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
320						CL_Left 9 CL_Right 10 Gravid Uterus Wt (g) 121.98 Pregnancy Type: Pregnant Early PM: No
	L01*	Viab	Visc	5.63	M	Skeletal elements missing - left hindpaw External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	4.72	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.66	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.34	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
320	L05	Viab	Visc	5.10	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	4.80	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	5.15	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Skel	5.39	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L09	Viab	Visc	4.98	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.12	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.20	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	4.70	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.20	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
320	R05	Viab	Skel	5.27	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	5.29	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
	R07	Viab	Skel	5.36	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Visc	5.21	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R09	Viab	Skel	5.55	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
321						CL_Left 6 CL_Right 8 Gravid Uterus Wt (g) 88.18 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	6.00	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	6.33	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.43	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
321	L04	Viab	Visc	6.20	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.26	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.83	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.26	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04*	Viab	Visc	5.74	F	Skeletal elements missing, paw, right, rear External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.95	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	5.86	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	5.63	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
322						CL_Left 7 CL_Right 7 Gravid Uterus Wt (g) 106.07 Pregnancy Type: Pregnant Early PM: No

'*' = Comment Present.

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
322	L01	Viab	Skel	6.18	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	6.63	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03*	Viab	Skel	6.24	F	Skeletal elements missing left rear paw External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.94	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	6.61	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	6.32	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 13th, Bipartite ossification, Variation Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
	R01	Viab	Skel	6.11	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.99	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 3 100 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
322	R03	Viab	Skel	6.10	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.94	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.80	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	5.70	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	R07	Viab	Skel	5.74	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
401						CL_Left 5 CL_Right 11 Gravid Uterus Wt (g) 84.01 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Skel	5.10		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Visc	5.67		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Skel	5.38		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Visc	5.39		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01	Viab	Skel	5.11		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R02	Viab	Visc	5.86		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R03	Viab	Skel	5.28		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R04	Viab	Visc	4.98		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R05	Viab	Skel	5.43		F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
401	R05	Viab	Skel	5.43	F	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	5.31	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	5.20	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Visc	5.43	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
402						CL_Left 5 CL_Right 6 Gravid Uterus Wt (g) 59.07 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.94	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.78	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.33	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	4.87	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.71	F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
402	L05	Viab	Visc	5.71	F	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.33	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Earl				
	R03	Viab	Visc	5.42	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.46	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Earl				
403						CL_Left 4 CL_Right 8 Gravid Uterus Wt (g) 91.64 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	6.03	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.27	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.54	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.65	M	External, No Abnormalities Detected Head, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
403	L04	Viab	Visc	5.65	M	Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01		Viab	Skel	5.59	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R02		Viab	Visc	5.27	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R03		Viab	Skel	5.73	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R04		Viab	Visc	5.83	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R05		Viab	Skel	5.55	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R06		Viab	Visc	5.09	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
R07		Viab	Skel	5.61	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R08		Viab	Visc	6.12	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
404						CL_Left 6 CL_Right 6 Gravid Uterus Wt (g) 85.71 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Skel	4.79		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Visc	5.59		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Skel	5.57		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Visc	5.34		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L05	Viab	Skel	5.22		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L06	Viab	Visc	5.53		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
R01	Viab	Skel	5.34		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 11th, Bipartite ossification, Variation
R02	Viab	Visc	4.81		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
404	R03	Viab	Skel	5.41	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	4.73	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	R05	Viab	Skel	5.08	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	4.52	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
405						CL_Left 7 CL_Right 6 Gravid Uterus Wt (g) 97.47 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	4.69	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	6.01	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.72	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.77	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
405	L05	Viab	Visc	5.59	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	5.48	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	5.07	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.21	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.98	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.65	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.55	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.45	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.05	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
406						CL_Left 9 CL_Right 5 Gravid Uterus Wt (g) 97.69 Pregnancy Type: Pregnant Early PM: No
L01	Viab	Visc	4.30		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L02	Viab	Skel	5.08		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L03	Viab	Visc	5.20		M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L04	Viab	Skel	4.66		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L05	Viab	Visc	4.88		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L06	Viab	Skel	5.10		M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L07	Viab	Visc	4.86		F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L08	Viab	Skel	4.71		F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
L09	Viab	Visc	5.57		M	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
406	L09	Viab	Visc	5.57	M	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	4.89	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.14	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	4.89	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	4.71	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.09	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
407						CL_Left 7 CL_Right 7 Gravid Uterus Wt (g) 93.84 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.29	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.90	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
407	L03	Viab	Visc	5.76	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.84	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.39	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	5.76	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	5.40	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.19	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.24	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.32	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	4.91	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
407	R05	Viab	Skel	5.73	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.77	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
408						CL_Left 5 CL_Right 8 Gravid Uterus Wt (g) 97.35 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.69	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, 13th left, Short, Variation
	L02	Viab	Skel	5.71	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.56	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.46	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.35	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.76	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.16	F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
408	R02	Viab	Visc	5.16	F	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.61	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
	R04	Viab	Visc	5.33	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.83	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Visc	5.09	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	5.61	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	CL_Left 1 CL_Right 8 Gravid Uterus Wt (g) 69.15 Pregnancy Type: Pregnant Early PM: No					
409	L01	Viab	Skel	5.35	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.83	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
409	R02	Viab	Skel	5.65	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.73	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.64	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.54	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.71	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Visc	5.61	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Skel	5.94	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
410						CL_Left 8 CL_Right 6 Gravid Uterus Wt (g) 97.87 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	4.89	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
410	L02	Viab	Skel	5.06	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.02	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	4.43	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.30	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	5.58	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	5.33	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Skel	5.69	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	4.71	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.19	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
410	R03	Viab	Visc	5.43	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.35	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	4.93	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06*	Viab	Skel	5.40	M	Missing 7th thoracic centrum External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
411						CL_Left 7 CL_Right 6 Gravid Uterus Wt (g) 77.65 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	5.48	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	4.62	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.31	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	4.96	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
411	L05	Viab	Skel	5.14	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.08	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	4.44	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.02	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.32	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
	R05	Viab	Visc	5.55	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	4.53	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
412						CL_Left 5 CL_Right 3 Gravid Uterus Wt (g) 65.37 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.72	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
412	L02	Viab	Skel	6.08	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	6.07	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.59	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.72	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.80	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	6.13	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.57	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
413						CL_Left 9 CL_Right 7 Gravid Uterus Wt (g) 88.93 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	4.74	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
413	L02	Viab	Skel	4.65	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.00	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	4.68	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	4.52	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	4.31	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	4.86	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Lumbar centrum, 2nd, Misaligned, Variation Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
	L08	Viab	Skel	4.70	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	3.61	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
	R02	Viab	Skel	4.69	M	External, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
413	R02	Viab	Skel	4.69	M	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	4.73	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	4.43	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
	R05	Viab	Visc	4.67	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	4.59	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
414						CL_Left 6 CL_Right 5 Gravid Uterus Wt (g) 80.06 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	5.34	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.58	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.25	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.54	M	External, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations						
414	L04	Viab	Visc	5.54	M	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected						
	L05	Viab	Skel	5.08	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected						
	L06	Viab	Visc	5.10	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected						
	R01	Viab	Skel	4.66	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected						
	R02	Viab	Visc	5.26	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected						
	R03	Viab	Skel	5.42	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected						
	R04	Viab	Visc	5.38	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected						
	R05	Viab	Skel	5.08	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected						
	CL_Left 2 CL_Right 5 Gravid Uterus Wt (g) 58.18											
	Pregnancy Type: Pregnant Early PM: No											
L01												
Viab Visc 5.63												
F External, No Abnormalities Detected												

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
415	L01	Viab	Visc	5.63	F	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.91	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.29	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.72	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	6.24	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.80	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.83	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
						CL_Left 5 CL_Right 8 Gravid Uterus Wt (g) 93.33 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.24	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.58	M	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
416	L02	Viab	Skel	5.58	M	Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	L03	Viab	Visc	5.50	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.43	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.35	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	4.19	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.28	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.07	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.49	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Skel	5.46	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
416	R06	Viab	Visc	5.12	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Skel	4.79	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R08	Viab	Skel	5.14	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
417						CL_Left 6 CL_Right 4 Gravid Uterus Wt (g) 62.35 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	6.23	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	6.18	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
	L03	Viab	Visc	7.06	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Earl				
	L05	Viab	Skel	5.46	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.96	F	External, No Abnormalities Detected Head, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
417	L06	Viab	Visc	5.96	F	Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	6.15	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02*	Viab	Visc	2.74	F	thoracic centrum;multiple sites, missing External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Earl				
	R04	Viab	Skel	5.00	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 10th, Bipartite ossification, Variation
418						CL_Left 11 CL_Right 4 Gravid Uterus Wt (g) 65.64 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	3.00	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	2.99	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	3.08	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	3.04	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
418	L04	Viab	Skel	3.04	M	Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	3.09	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Skel	2.87	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Visc	2.80	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Skel	2.75	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L09	Viab	Visc	2.70	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th right
	L10	Viab	Skel	2.96	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L11	Viab	Visc	2.89	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	3.24	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	3.00	F	External, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
418	R02	Viab	Visc	3.00	F	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	3.52	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	3.20	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
419						CL_Left 8 CL_Right 4 Gravid Uterus Wt (g) 91.44 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	5.16	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.41	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.51	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.53	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	4.79	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.61	F	External, No Abnormalities Detected Head, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
419	L06	Viab	Visc	5.61	F	Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Skel	5.02	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L08	Viab	Visc	6.22	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Skel	5.23	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Visc	5.20	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Skel	5.67	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Visc	5.86	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
420						CL_Left 7 CL_Right 7 Gravid Uterus Wt (g) 103.91 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	5.43	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.26	F	External, No Abnormalities Detected Head, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
420	L02	Viab	Visc	5.26	F	Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Skel	5.83	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Visc	5.61	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Skel	5.03	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L06	Viab	Visc	5.78	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L07	Viab	Skel	5.42	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.25	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.01	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.68	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.41	M	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
420	R04	Viab	Skel	5.41	M	Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	4.92	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R06	Viab	Skel	5.36	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R07	Viab	Visc	5.43	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
421						CL_Left 5 CL_Right 10 Gravid Uterus Wt (g) 104.97 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Visc	5.49	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Skel	5.52	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Viab	Visc	5.14	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L04	Viab	Skel	5.22	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L05	Viab	Visc	5.34	F	External, No Abnormalities Detected

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
421	L05	Viab	Visc	5.34	F	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R01		Viab	Skel	5.01	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R02		Viab	Visc	5.70	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R03		Viab	Skel	5.53	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th bilateral
R04		Viab	Visc	6.22	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R05		Viab	Skel	5.10	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R06		Viab	Visc	5.10	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R07		Viab	Skel	5.52	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
R08		Viab	Visc	5.42	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
421	R09	Viab	Skel	5.44	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, Ribs, Rib, Extra ossification site, Variation * 14th left
	R10	Viab	Skel	5.57	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
422						CL_Left 5 CL_Right 6 Gravid Uterus Wt (g) 69.23 Pregnancy Type: Pregnant Early PM: No
	L01	Viab	Skel	5.19	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L02	Viab	Visc	5.33	F	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	L03	Earl				
	L04	Earl				
	L05	Viab	Skel	5.00	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R01	Viab	Visc	5.14	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R02	Viab	Skel	5.12	F	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R03	Viab	Visc	5.54	F	External, No Abnormalities Detected

'*' = Comment Present.

Individual Fetal Alterations

Group: 4 500 mg/kg/day

Dam Number	Posn	Type	Exam Set	Fetal Wt g	Sex	Observations
422	R03	Viab	Visc	5.54	F	Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R04	Viab	Skel	5.46	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected
	R05	Viab	Visc	5.58	M	External, No Abnormalities Detected Head, No Abnormalities Detected Visceral, No Abnormalities Detected Skeletal - Body, Vertebrae, Thoracic centrum, 13th, Bipartite ossification, Variation
	R06	Viab	Skel	5.42	M	External, No Abnormalities Detected Skeletal - Head, No Abnormalities Detected Skeletal - Body, No Abnormalities Detected