

Study No TP-001
Final Report

APPENDIX 9A Pathology Report

Volume 4 of 5

9727301-1/1-A5



Pathology Associates International
A Company of Science Applications International Corporation



PATHOLOGY REPORT
FOR
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

PREPARED FOR
U.S. ARMY

TABLE OF CONTENTS

I.	Pathology Narrative	I-1
	Appendix 1: Reports Code Table	
	Appendix 2: Abbreviations List	
II.	Project Summary Tables	
	F ₀ Parental	II-1
	F ₁ Kits	II-8
	F ₁ Parental	II-14
	F ₂ Kits	II-25
III.	Tabulated Animal Data	
	F ₀ Parental	III-1
	F ₁ Kits	III-107
	F ₁ Parental	III-125
	F ₂ Kits	III-248
IV.	Correlation of Gross and Microscopic Findings	IV-1
V.	Organ Weights	V-1

I. Pathology Narrative

PATHOLOGY REPORT**TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)****STUDY NUMBER TP-001****INTRODUCTION**

The primary objective of this study was to determine the toxic effects, if any, of DIMP on female mink that undergo mating, gestation, parturition and lactation while ingesting DIMP in their feed. Animals were evaluated by clinical observation, outcome of mating, analysis of blood, and by necropsy and microscopic examination.

This report, prepared by Pathology Associates International (PAI), presents results of gross and microscopic examination of tissues from mink administered DIMP according to the protocol for Study Number TP-001.

EXPERIMENTAL DESIGN AND METHODS

This study utilized an unequal number of "Ranch Wild" strain male and female mink (*Mustela vison*). Mink were assigned to dose groups for generation one (F_0) or two (F_1) as indicated in Table 1.

Table 1
Dose Groups Per Generation

Sex	Dose Level (PPM in Feed)	Number of Animals	
		F_0	F_1
Male	0 (Control A)	7	13
Male	0 (Control B)	7	13
Male	150	7	13
Male	450	7	13
Male	2500	7	13
Female	0 (Control A)	35	35
Female	0 (Control B)	35	35
Female	150	35	35
Female	450	35	35
Female	2500	35	35

Following the treatment interval, surviving F_0 and F_1 mink were euthanized by carbon dioxide asphyxiation. F_2 kits were euthanized by use of an injectable euthanasia solution. A complete postmortem examination was performed on all F_0 and F_1 mink that survived to study termination and those that died or were moribund sacrificed

during the study. A similar necropsy was performed on F_1 kits not required for breeding and on F_2 kits at study termination. Two kits/sex/litter were necropsied when available with special attention paid to those anatomic sites most often the site of developmental malformations, i.e. limbs, digits, eyes, palate, brain, heart, kidney and major blood vessels. For F_0 and F_1 females and for F_1 kits not required for breeding and for F_2 kits at study termination, the following tissues were harvested: adrenal glands, aorta, brain, epididymis, esophagus, eyes, femur, gallbladder, heart, intestine - large (colon and rectum), intestine - small (duodenum, jejunum and ileum), kidneys, liver, lungs and major bronchi, lymph nodes (mandibular and mesenteric), nerve (sciatic), mammary gland, muscle (skeletal), nose, ovaries, oviducts, pancreas, parathyroid glands, pituitary gland, prostate, salivary gland, skin, spinal cord, spleen, stomach, testes, thymic area, thyroid glands, trachea, urinary bladder, uterus and all gross lesions. The reproductive organs (testes, epididymis and prostate) and all gross lesions were harvested from F_0 and F_1 male mink. In addition to reproductive organs and gross lesions, the liver was harvested from F_1 male mink.

Organs weighed, as specified in the draft EPA OPPTS, included the testes, epididymides and prostate for F_0 and F_1 male mink. The adrenal glands, brain, kidneys, liver, ovaries, spleen, thymic area and uterus were weighed for F_0 and F_1 female mink.

Following the weighing of organs, a specimen of brain tissue that included the basal ganglia, striatum and frontal cortex was removed from 8 - 12 F_0 and 8 - 10 F_1 female mink per group, selected at random, to assay for cholinesterase activity.

Organs were preserved in 10% neutral-buffered formalin. Tissues required by protocol were trimmed, processed, embedded in paraffin, microtomed and stained with hematoxylin and eosin following PAI Standard Operating Procedures.

RESULTS

Mortality

Mortality was spread across control and dose groups. None of the deaths was considered related to the test material. Mortality was as follows:

F_0 Male

Mortality was not observed.

F₀ Female

Six F₀ female mink died or were sacrificed moribund (Control B #220; 150 ppm #s 27 and 103; 450 ppm #s 136 and 202; and 2500 ppm #201).

F₁ Kits (Prior to selection of parental generation)

Three F₁ kits (0 ppm male #72M3; 150 ppm female #120F2; and 2500 ppm male #107M3) died during this interval.

F₁ Male

One male mink died (450 ppm #345).

F₁ Female

Eight female mink died or were sacrificed moribund (Control A # 414 and Control B # 475; 150 ppm #495 and 502; 450 ppm #535; and 2500 ppm #s 573, 574 and 582).

F₂ Kits (Deaths prior to terminal sacrifice)

Three male kits, offspring of Control A female #430, died.

Gross Lesions

The gross lesions identified at necropsy or at tissue trimming are listed in the Correlation of Gross and Microscopic Findings (Section IV). None of the gross lesions was related to the administration of the test article.

Organ Weights

Absolute organ weight by individual and as a percent of body weight (males) or body weight and brain weight (females) are tabulated in Section V. Also tabulated and compared statistically are group mean values for absolute and relative weights presented in Appendix 10.

F₀ Male

There were no differences in organ weights or weight ratios among treated or untreated groups.

F₀ Female

The mean body weight was decreased for all groups administered DIMP, but the values were not different statistically from the control group value.

The mink administered the 2500 ppm diet had a statistically significant increase in the mean weight of spleen ($p<0.01$), and in the ratios of spleen weight to body weight and brain weight, when compared to the control values. This increase was considered biologically significant as well.

The mean uterine weight was decreased to a statistically significant degree in both the 2500 ppm and 150 ppm groups, when compared to control values. The mean absolute weight, as well as weight ratio to brain weight were decreased in both groups at $p<0.01$, except the absolute weight in the 2500 ppm group was significant only at the $p<0.05$ level. These variations in uterine weight were not considered biologically significant.

F₁ Male

There was a significant increase in the absolute prostate weight ($p<.01$), absolute testes weight ($p<.05$) and a significant increase in the prostate as a percentage of body weight ($p<.05$) for male mink administered 150 ppm diet compared to the untreated control group value. These increases in the 150 ppm group were not considered to be biologically significant as they were not observed in male mink administered higher doses.

F₁ Female

The absolute organ weights and the organ weight ratios to brain or body weight did not differ among treated and untreated animals.

Histopathology

Summary Data

Summary data are presented by group, sex and sacrifice period in the Project Summary Tables (Section II). These tables list by sex and group, the number of animals having a given lesion. Microscopic findings for individual animals are presented by sex and group in the Tabulated Animal Data (Section III). The codes used as entries in these tables are explained in the Reports Code Table (Appendix 1). Abbreviations used are explained in Appendix 2. Correlation of gross and microscopic findings (where present) are included in the Correlation of Gross and Microscopic Findings (Section IV).

F₀ Male

There was an increased incidence of focal or multifocal hepatocyte cytoplasmic vacuolization in animals administered DIMP. The change was observed in 0/7, 1/7, 2/7, 1/7 and 4/7 mink administered Control A, Control B, 150, 450 and 2500 ppm diet, respectively. Most foci involved the periphery of the median lobe or at the hilus of remaining lobes and were consistent with falciform ligament associated lipid deposits (tension lipidosis), a common incidental finding in animals. The slightly increased incidence observed in male mink administered DIMP was not considered biologically significant.

F₀ Female

Hematopoietic cell proliferation, characterized by an increased number of erythrocytic precursor cells in the splenic red pulp, was observed in 25/35, 23/35, 28/35, 27/35 and 34/35 animals administered Control A, Control B, 150, 450 or 2500 ppm diet, respectively. The average severity grade in mink with the lesion was 1.48, 1.48, 1.61, 1.59 and 2.26 for the 0, 150, 450 or 2500 ppm diet groups, respectively. The elevated incidence and lesion severity in the group administered 2500 ppm diet indicates a test-article relationship.

Other lesions observed were distributed among controls and groups administered DIMP, were of the type commonly observed in mink of this age and strain, and were considered to be unrelated to treatment.

F₁ Male

None of the microscopic findings were considered test-article related. Focal or multifocal cytoplasmic vacuolization of hepatocytes that was present in F₀ mink as well, was observed in 7/13, 7/13, 5/13, 8/13, and 4/13 mink administered Control A, Control B, 150, 450, or 2500 ppm diet, respectively. The result observed in F₁ male mink strongly mitigates against a test-article relationship for the increased incidence of cytoplasmic vacuolation of hepatocytes in F₀ male mink.

F₁ Female

None of the microscopic findings was considered test article-related. Lesions observed were distributed among controls and groups administered DIMP and were of the type commonly observed in mink of this age and strain.

F₁ (not required for breeding) and F₂ (study termination) Kits

None of the microscopic findings was considered test-article related. Although individual findings may represent developmental malformations, there was no indication of an increased group incidence in treated groups.

DISCUSSION

The deaths of six F₀ female mink and one F₁ male and eight F₁ female mink, distributed among control and groups administered DIMP were not considered test-article related. The cause of death of F₀ female mink #136 after 3 months on the 450 ppm diet was not established. F₀ female #201 administered 2500 ppm diet had an abscess involving the eye. F₁ female #582 (2500 ppm) had gross and microscopic findings of marked peritoneal inflammation; additional findings in this animal were similar to the remaining F₀ female and F₁ male and female mink that died/sacrificed moribund during the study. Findings included vacuolated (fat laden) hepatocytes, renal tubular degeneration and thymic cortical atrophy. These microscopic findings, considered secondary to stress, are common in animals of high metabolic rate demand that stop eating. They are also characteristic in pregnant and lactating mink that are unable to adapt to metabolic demand (Schneider and Hunter, Vet Pathol., 1993, 30: 512-521). An additional three F₁ and three F₂ kits died. Two F₁ kits (150 ppm female #120F2 and 2500 ppm male #107M3) had tails severed by litter mates with death due to blood loss. F1 Kit #72M3 administered 0 ppm diet had esophageal dilatation noted at necropsy and by microscopic examination. Death was attributed to food impaction. The cause of the mortality of three F₂ male kits whelped by Control A female #430 was undetermined.

The decreased uterine weight observed in F₀ female groups administered 150 or 2500 ppm diet was not considered related to the administration of DIMP, as there was no dose-related trend and there were no group-related microscopic findings. The weight differences likely reflect a physiological "normal" variation in postpartum uterine involution as similar uterine weight depression was not observed in F₁ female mink.

The increased mean weight of testes and prostate observed for F₁ male mink administered 150 ppm was not considered biologically significant, as similar increased weights were not observed in male mink administered 450 or 2500 ppm DIMP.

The increased mean spleen weight and increased incidence and severity of hematopoietic cell proliferation in the spleen of F₀ female mink administered 2500 ppm diet were the only findings considered related to the administration of DIMP. In a previous study (Bucci, et al., Fund Appl. Toxicol., 1994, 22, 220 - 230), the administration of high doses of DIMP for 90 days resulted in oxidative injury to

erythrocyte associated hemoglobin. The life span of erythrocytes was reduced and a compensatory hematopoiesis was elicited.

The absence of a similar finding in spleens of F₁ females suggests adaptation such as induction of alternate pathways of compound metabolism following long term (greater than one year) exposure.

CONCLUSION

Two hundred ten (35 male and 175 female) "Ranch Wild" strain mink of the first (F₀) generation and two hundred forty (65 male and 175 female) mink of the second (F₁) generation were administered 0, 150, 450 or 2500 ppm diisopropyl methylphosphonate (DIMP) as a component of diet. Six F₀ female mink, one F₁ male and eight F₁ female mink died or were sacrificed moribund during the study. An additional three F₁ and three F₂ kits died or were sacrificed prior to selection of F₁ breeding stock or prior to terminal sacrifice of the F₂ kits. None of the deaths was considered related to the administration of DIMP. Increased mean spleen weight and increased incidence and severity of hematopoietic cell proliferation in the spleen of F₀ female mink administered 2500 ppm of the test material were the only morphologic findings considered test article-related. Similar alterations of the spleen were not observed in F₁ female mink.

Robert M. Kovatch

Robert M. Kovatch, DVM
Diplomate, ACVP
August 26, 1997

**Appendix 1:
Reports Code Table**

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

Reports Code Table

N	Tissues within normal histological limits
A	Autolysis precluding adequate evaluation
U	Tissues unavailable/unsuitable for evaluation
1	minimal
2	mild
3	moderate
4	marked
()	focal
[]	diffuse
< >	multifocal
P	Present
B	Neoplasm, Benign
M	Neoplasm, Malignant without Metastasis
C	Neoplasm, Malignant with Metastasis
X	Metastatic Site (+)
I	Bilateral
L	Unilateral
-	Diagnosis Not Applicable to Animal/Tissue

Appendix 2:
Abbreviations List

Abbreviations List

Act	ACTIVE
LN	Lymph Node
LYMPH	Lymphatic
Number Examined	# EX
TP-001	F ₀ Parental
TP001K	F ₁ Kits
TP001F1	F ₁ Parental
TP001F2	F ₂ Kits
VESS	Vessels

II. Project Summary Tables

Page 1

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP
FATE: ALL

STUDY NUMBER: TP-001

SEX: MALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP: NUMBER OF ANIMALS:	CONTROL A 7	CONTROL B 7	150 ppm 7	450 ppm 7	2500 ppm 7
LIVER	# EX	#	#	#	#
BILE DUCT- HYPERPLASIA	0	1	2	2	4
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	0	1	0	0	0

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP
FATE: ALL

STUDY NUMBER: TP-001

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP: NUMBER OF ANIMALS:		CONTROL A 35	CONTROL B 35	150 ppm 35	450 ppm 35	2500 ppm 35
	# EX	#	#	#	#	#
BRAIN						
CEREBELLUM- NECROSIS	# EX	35	35	35	35	35
0		0	0	0	1	0
CEREBRUM- MINERALIZATION						
1	# EX	0	0	0	1	0
CEREBRUM/MENINGES- MINERALIZATION						
1	# EX	0	0	0	0	1
CHOROID PLEXUS- INFLAMMATION, CHRONIC						
0	# EX	0	0	0	1	0
THALAMUS- NECROSIS						
0	# EX	0	0	0	1	0
SPINAL CORD						
SCIATIC NERVE						
THYROID GLANDS						
C CELL- HYPERPLASIA	# EX	35	35	35	35	34
2		4	2	0	0	3
CYSTIC FOLLICLES						
4	# EX	3	9	3	4	
FOLLICULAR CELL- HYPERPLASIA						
0	# EX	1	0	0	0	1
INFLAMMATION, SUBACUTE						
0	# EX	4	3	1	2	
INFLAMMATION, CHRONIC						
0	# EX	2	3	3	0	
MINERALIZATION						
0	# EX	1	0	0	0	0
PARATHYROID GLANDS						
CYST	# EX	31	29	29	25	30
0		0	0	2	0	0
ADRENAL GLAND						
CORTEX- CYST	# EX	35	35	35	35	34
0		0	0	0	0	1
CORTEX- VACUOLATION						
3	# EX	1	0	0	0	4
INFLAMMATION, SUBACUTE						
1	# EX	0	0	0	0	0
INFLAMMATION, CHRONIC						
1	# EX	0	0	0	0	0
PITUITARY GLAND						
PARS DISTALIS- CYST	# EX	35	35	34	34	35
0		1	0	0	0	0
PARS NERVOSA- GLIOSIS						
5	# EX	2	0	0	0	1
PARS DISTALIS- HYPERPLASIA						
3	# EX	1	3	4	5	
PARS INTERMEDIA- MINERALIZATION						
0	# EX	1	0	0	0	0
KIDNEYS						
CORTEX- INFLAMMATION, CHRONIC	# EX	35	35	35	35	35
0		0	1	0	0	0
CYST						
0	# EX	1	0	0	0	0
INFARCT						
0	# EX	0	0	0	0	1
INTERSTITIUM- INFLAMMATION, SUBACUTE						
1	# EX	1	0	0	0	0

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP
FATE: ALL

STUDY NUMBER: TP-001

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP: NUMBER OF ANIMALS:	# EX	CONTROL A	CONTROL B	150 ppm	450 ppm	2500 ppm
		35	35	35	35	35
KIDNEYS	# EX	35	35	35	35	35
INTERSTITIUM- INFLAMMATION, CHRONIC		1	2	2	3	1
METAPLASIA OSSEOUS		0	1	0	1	0
MINERALIZATION		32	32	31	29	28
PELVIS- INFLAMMATION, CHRONIC		0	1	1	1	0
RENAL TUBULE- DEGENERATION		4	1	4	4	1
RENAL TUBULE- PIGMENT		0	0	1	0	0
OVARIES	# EX	35	35	35	35	35
CONGESTION		0	0	1	0	0
CYST		0	1	0	0	0
HEMORRHAGE		0	1	0	1	0
UTERUS	# EX	35	35	35	35	35
ATROPHY		0	0	2	0	0
ARTERY- HYPERTROPHY		0	0	1	0	0
ENDOMETRIUM- CYST		1	0	0	0	0
ENDOMETRIUM- INFLAMMATION, CHRONIC		0	0	1	2	0
ENDOMETRIUM- INFLAMMATION, CHRONIC ACTIVE		0	1	0	0	0
LUMEN- EXUDATE		3	0	1	0	1
LUMEN- DILATATION		0	1	0	0	1
PIGMENT		9	9	4	7	5
EPITHELIUM- HYPERPLASIA		0	0	1	0	0
OVIDUCT	# EX	21	16	20	21	19
DILATATION		1	2	0	0	0
TRACHEA	# EX	35	35	35	35	35
ESOPHAGUS	# EX	35	35	35	35	35
INFLAMMATION, SUBACUTE		0	1	0	0	0
URINARY BLADDER	# EX	34	35	35	35	35
EPITHELIUM- HYPERPLASIA		0	0	0	1	0
INFLAMMATION, CHRONIC		0	0	0	1	0
INFLAMMATION, CHRONIC ACTIVE		1	0	0	1	0
AORTA	# EX	35	35	35	35	35

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

PROJECT SUMMARY

STUDY ID : DIMP
 FATE: ALL

STUDY NUMBER: TP-001

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP: NUMBER OF ANIMALS:	# EX	CONTROL A	CONTROL B	150 ppm	450 ppm	2500 ppm
		35	35	35	35	35
LUNGS	# EX	35	35	35	35	35
FOREIGN BODY		0	0	1	0	0
HEMORRHAGE		2	0	0	0	0
INFILTRATING CELL, LYMPHOCYTE		0	0	0	0	2
INTERSTITIUM- INFLAMMATION, ACUTE		0	0	0	0	2
INTERSTITIUM- INFLAMMATION, SUBACUTE		1	1	1	4	0
INTERSTITIUM- INFLAMMATION, CHRONIC		1	0	4	2	2
INTERSTITIUM- INFLAMMATION, CHRONIC ACTIVE		0	0	0	1	1
METAPLASIA, OSSEOUS		14	11	17	16	11
PLEURA- INFLAMMATION, CHRONIC		1	0	0	1	0
HEART	# EX	35	35	35	35	35
ARTERY- HYPERTROPHY		1	0	0	0	0
EPICARDIUM- FAT DEPOSIT		1	0	0	1	0
PERICARDIUM- NECROSIS, FAT		1	0	0	0	0
SKIN	# EX	35	35	34	35	35
EPIDERMIS- EXUDATE		0	0	0	0	1
EPIDERMIS- HYPERPLASIA		0	1	0	1	1
HAIR FOLLICLE- INFLAMMATION, CHRONIC		1	0	0	0	1
HAIR FOLLICLE- ATROPHY		1	0	0	2	1
INFLAMMATION, SUBACUTE		0	1	0	0	0
INFLAMMATION, CHRONIC		12	9	6	13	6
INFLAMMATION, CHRONIC ACTIVE		1	0	0	0	0
FOREIGN BODY		1	0	0	1	0
MAMMARY GLAND	# EX	35	33	32	34	32
MINERALIZATION		7	3	3	9	3
CYST		10	7	20	11	7
INFLAMMATION- CHRONIC		1	4	1	8	4
INFLAMMATION- CHRONIC ACTIVE		2	3	0	3	1
SKELETAL MUSCLE	# EX	35	35	35	35	35
DEGENERATION		0	1	0	1	2
INFLAMMATION, SUBACUTE		0	1	0	0	0
STOMACH	# EX	35	35	35	35	35
EROSION		1	1	0	1	1
MUCOSA- INFLAMMATION, SUBACUTE		0	1	0	0	0

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

PROJECT SUMMARY

STUDY ID : DIMP	STUDY NUMBER: TP-001
FATE: ALL	

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP: NUMBER OF ANIMALS:	# EX	CONTROL A	CONTROL B	150 ppm	450 ppm	2500 ppm
		35	35	35	35	35
STOMACH	# EX	35	35	35	35	35
MUCOSA- INFLAMMATION, CHRONIC		1	6	6	13	3
MUCOSA- INFLAMMATION, CHRONIC ACTIVE		6	3	0	1	1
MUCOSA- MINERALIZATION		1	2	2	5	2
PANCREAS	# EX	35	35	35	35	35
DUODENUM	# EX	35	35	35	35	35
GLAND- DILATATION		0	0	0	1	0
ILEUM	# EX	35	35	35	35	35
GLAND- DILATATION		0	0	0	1	0
MUCOSA- INFLAMMATION, SUBACUTE		0	1	0	0	0
COLON	# EX	35	35	35	35	35
MUCOSA- INFLAMMATION, CHRONIC		0	0	0	1	0
JEJUNUM	# EX	35	35	35	35	35
GLAND- DILATATION		0	0	0	1	0
MUCOSA- INFLAMMATION, SUBACUTE		0	0	1	0	0
MUCOSA- INFLAMMATION, CHRONIC		0	1	0	0	0
RECTUM	# EX	35	35	34	35	35
GLAND- DILATATION		0	0	0	1	0
MUCOSA- INFLAMMATION, CHRONIC		3	3	5	7	4
MUCOSA- INFLAMMATION, CHRONIC ACTIVE		1	0	0	0	1
MUCOSA- MINERALIZATION		0	1	1	0	0
MESENTERIC LYMPH NODES	# EX	35	35	35	35	35
DEGENERATION, CYSTIC		1	1	1	0	2
HEMORRHAGE		2	0	1	3	0
HYPERPLASIA, LYMPHOID		26	19	29	29	21
THYMIC AREA	# EX	35	34	34	34	34
CORTEX- ATROPHY		9	11	9	18	10
HEMORRHAGE		3	4	3	4	4
INFLAMMATION, CHRONIC		0	0	0	1	0

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP
FATE: ALL

STUDY NUMBER: TP-001

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP: NUMBER OF ANIMALS:	# EX	CONTROL A	CONTROL B	150 ppm	450 ppm	2500 ppm
		35	35	35	35	35
SPLEEN	#	#	#	#	#	#
ABSCESS	35	35	35	35	35	35
HEMATOPOIETIC CELL PROLIFERATION	0	0	1	0	0	0
NECROSIS	25	23	28	27	34	
CAPSULE- FIBROSIS	0	0	0	0	0	1
HEMORRHAGE	0	0	0	0	0	0
SALIVARY GLAND	# EX	35	35	35	35	35
INFLAMMATION, CHRONIC	1	0	0	0	0	0
MANDIBULAR LYMPH NODE	# EX	25	28	27	26	27
HEMORRHAGE	3	0	2	4	1	
HYPERPLASIA, LYMPHOID	17	21	20	24	22	
LIVER	# EX	35	35	35	35	35
BILE DUCT- HYPERPLASIA	1	4	4	3	4	
HEMATOPOIETIC CELL PROLIFERATION	7	3	1	3	5	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	2	3	2	3	3	
INFLAMMATION, SUBACUTE	0	3	1	2	0	
INFLAMMATION, CHRONIC	2	2	2	1	0	
INFLAMMATION, CHRONIC ACTIVE	0	0	0	1	0	
NECROSIS	0	0	0	1	0	
PIGMENT	0	0	0	1	0	
GALLBLADDER	# EX	35	35	34	35	35
ECTOPIC TISSUE, PANCREAS	12	7	7	6	4	
HYPERPLASIA, LYMPHOID	0	1	0	1	1	
INFLAMMATION, CHRONIC	2	1	1	1	1	
EYES	# EX	35	35	35	34	35
CONJUNCTIVA- INFLAMMATION- ACUTE	0	0	0	0	1	
CONJUNCTIVA- INFLAMMATION- CHRONIC	1	3	1	2	1	
CONJUNCTIVA- INFLAMMATION- CHRONIC ACT	1	3	0	0	0	
CORNEA- INFLAMMATION, ACUTE	0	0	0	0	1	
CORNEA- INFLAMMATION, CHRONIC	0	0	0	0	1	
FEMUR	# EX	35	35	35	35	35
SYNOVIA- INFLAMMATION, CHRONIC	0	2	1	0	0	

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

PROJECT SUMMARY

STUDY ID : DIMP
 FATE: ALL

STUDY NUMBER: TP-001

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP: NUMBER OF ANIMALS:		CONTROL A 35	CONTROL B 35	150 ppm 35	450 ppm 35	2500 ppm 35
BONE MARROW, FEMUR	# EX	35	35	35	35	35
DEPLETION		2	0	0	1	0
HYPERPLASIA, GRANULOCYTIC		0	0	0	1	1
HYPERPLASIA, MIXED		0	1	1	0	2
NOSE	# EX	35	35	35	35	34
BONE- INFLAMMATION, CHRONIC		0	0	1	2	0
LUMEN- FOREIGN BODY		0	0	1	0	1
MUCOSA- INFLAMMATION, ACUTE		0	0	1	0	1
MUCOSA- INFLAMMATION, SUBACUTE		1	0	0	0	1
MUCOSA- INFLAMMATION, CHRONIC		3	0	0	2	0
MUCOSA- INFLAMMATION, CHRONIC ACTIVE		2	0	1	0	0
MUCOSAL GLANDS- INFLAMMATION, ACUTE		0	0	0	0	1
MUCOSAL GLANDS- INFLAMMATION, SUBACUTE		0	1	0	0	0
MUCOSAL GLANDS- INFLAMMATION, CHRONIC		0	0	2	2	0
MUCOSAL GLANDS- INFLAMMATION, CHRONIC ACTIVE		1	0	0	0	0
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC		2	2	3	2	0
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC ACTIVE		0	1	0	0	0
MESENTERY	# EX	0	2	0	2	2
FAT- NECROSIS		0	1	0	1	0
ABSCESS		0	1	0	0	0
CERVICAL LYMPH NODE	# EX	0	0	0	0	1
HYPERPLASIA, LYMPHOID		0	0	0	0	1
TOOTH	# EX	2	0	0	1	0
ABSCESS		2	0	0	1	0
GINGIVA	# EX	1	1	0	0	1
INFLAMMATION- CHRONIC		0	1	0	0	0
INFLAMMATION- CHRONIC ACTIVE		1	0	0	0	1
PANCREATIC LYMPH NODE	# EX	0	1	0	0	0
HYPERPLASIA, LYMPHOID		0	1	0	0	0

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

PROJECT SUMMARY

STUDY ID : DIMP KITS
 FATE: ALL

STUDY NUMBER: TP001K

SEX: MALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP: NUMBER OF ANIMALS:		CONTROL A 52	CONTROL B 43	150 ppm 21	450 ppm 51	2500 ppm 43
	# EX	#	#	#	#	#
BRAIN	# EX	1	0	0	0	1
SPINAL CORD	# EX	1	0	0	0	1
SCIATIC NERVE	# EX	1	0	0	0	1
THYROID GLANDS	# EX	1	0	0	0	1
PARATHYROID GLANDS	# EX	1	0	0	0	1
ADRENAL GLAND	# EX	1	0	0	0	1
PITUITARY GLAND	# EX	1	0	0	0	1
KIDNEYS PELVIS- DILATATION	# EX	1 0	1 1	0 0	0 0	2 1
TESTIS	# EX	1	0	0	0	1
EPIDIDYMIS	# EX	1	0	0	0	1
PROSTATE	# EX	1	0	0	0	0
TRACHEA	# EX	1	0	0	0	1
ESOPHAGUS DILATATION	# EX	1 1	0 0	0 0	0 0	1 0
URINARY BLADDER	# EX	1	0	0	0	1
AORTA DILATATION	# EX	2 1	0 0	0 0	0 0	1 0
LUNGS HEMORRHAGE	# EX	1 0	1 0	0 0	0 0	1 0
HEART	# EX	1	0	0	0	1

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP KITS
FATE: ALL

STUDY NUMBER: TP001K

SEX: MALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP: NUMBER OF ANIMALS:	# EX	CONTROL A	CONTROL B	150 ppm	450 ppm	2500 ppm
		52	43	21	51	43
SKIN	#	#	#	#	#	#
INFLAMMATION, CHRONIC ACTIVE	2	0	0	1	1	0
ABSCESS	1	0	0	0	0	0
SKELETAL MUSCLE	# EX	2	0	0	0	1
MINERALIZATION	1	0	0	0	0	0
NECROSIS	1	0	0	0	0	0
STOMACH	# EX	2	0	0	0	1
SUBMUCOSA- EDEMA	1	0	0	0	0	0
MUCOSA- INFLAMMATION, CHRONIC	0	0	0	0	0	1
PANCREAS	# EX	1	0	0	0	0
DUODENUM	# EX	1	0	0	0	1
ILEUM	# EX	1	0	0	0	1
INFLAMMATION, CHRONIC ACTIVE	0	0	0	0	0	1
COLON	# EX	1	0	0	0	1
JEJUNUM	# EX	1	0	0	0	1
RECTUM	# EX	1	0	0	0	0
MESENTERIC LYMPH NODES	# EX	1	0	0	0	0
THYMIC AREA	# EX	2	0	0	1	0
NECROSIS	1	0	0	0	0	0
ABSCESS	0	0	0	1	0	0
CORTEX- ATROPHY	1	0	0	0	0	0
SPLEEN	# EX	1	1	0	1	1
NECROSIS	0	1	0	0	0	0
CAPSULE- FAT DEPOSIT	0	0	0	1	0	0
CAPSULE- DEFORMITY	0	0	0	1	0	0
LYMPHOID FOLLICLE- ATROPHY	1	0	0	0	0	1

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP KITS
FATE: ALL

STUDY NUMBER: TP001K

SEX: MALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP: NUMBER OF ANIMALS:	# EX	CONTROL A	CONTROL B	150 ppm	450 ppm	2500 ppm
		52	43	21	51	43
SALIVARY GLAND	# EX	1	0	0	0	1
MANDIBULAR LYMPH NODES HYPERPLASIA, LYMPHOID	# EX	1 0	0 0	0 0	1 1	1 0
LIVER NECROSIS DEFORMITY HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	# EX	2 0 0 2	1 1 0 0	0 0 0 0	1 0 1 0	2 1 0 0
GALLBLADDER	# EX	1	0	0	0	1
EYES	# EX	1	0	0	0	1
FEMUR	# EX	1	0	0	0	1
BONE MARROW, FEMUR HYPERPLASIA, GRANULOCYTIC	# EX	1 0	0 0	0 0	0 0	1 1
NOSE	# EX	1	0	0	0	1
MEDIASTINAL LYMPH NODE HYPERPLASIA, LYMPHOID	# EX	1 1	0 0	1 1	0 0	0 0
MESENTERY	# EX	0	0	0	1	0
BONE CALVARIUM- HYPEROSTOSIS	# EX	0 0	0 0	0 0	1 1	0 0

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

PROJECT SUMMARY

STUDY ID : DIMP KITS
 FATE: ALL

STUDY NUMBER: TP001K

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP: NUMBER OF ANIMALS:		CONTROL A 43	CONTROL B 43	150 ppm 14	450 ppm 41	2500 ppm 32
	# EX	#	#	#	#	#
BRAIN	# EX	0	0	1	0	0
SPINAL CORD	# EX	0	0	1	0	0
SCIATIC NERVE	# EX	0	0	1	0	0
THYROID GLANDS	# EX	0	0	1	0	0
PARATHYROID GLANDS	# EX	0	0	1	0	0
ADRENAL GLAND	# EX	0	0	1	0	0
PITUITARY GLAND	# EX	0	0	1	0	0
KIDNEYS	# EX	0	0	1	0	0
OVARIES	# EX	0	0	3	0	0
UTERUS	# EX	0	0	1	0	0
OVIDUCT DILATATION	# EX	0	0	2	0	0
TRACHEA	# EX	0	0	1	0	0
ESOPHAGUS	# EX	0	0	1	0	0
URINARY BLADDER	# EX	0	0	1	0	0
AORTA	# EX	0	0	1	0	0
LUNGS	# EX	0	0	1	0	0
HEART	# EX	0	0	2	0	0
SKIN ULCER	# EX	1 1	0 0	1 0	0 0	0 0

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP KITS
FATE: ALL

STUDY NUMBER: TP001K

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP: NUMBER OF ANIMALS:		CONTROL A 43	CONTROL B 43	150 ppm 14	450 ppm 41	2500 ppm 32
	# EX	#	#	#	#	#
SKELETAL MUSCLE	# EX	0	0	1	0	0
STOMACH	# EX	0	0	1	0	0
PANCREAS	# EX	0	0	1	0	0
DUODENUM	# EX	0	0	1	0	0
ILEUM	# EX	0	0	1	0	0
COLON	# EX	0	0	1	0	0
JEJUNUM	# EX	0	0	1	0	0
MESENTERIC LYMPH NODES	# EX	0	0	1	0	0
THYMIC AREA	# EX	0	0	1	0	0
SPLEEN	# EX	0	0	1	1	0
HEMATOPOIETIC CELL PROLIFERATION		0	0	0	1	0
SALIVARY GLAND	# EX	0	0	1	0	0
MANDIBULAR LYMPH NODES	# EX	0	0	1	0	0
LIVER	# EX	0	1	2	0	0
NECROSIS		0	1	1	0	0
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC		0	0	1	0	0
GALLBLADDER	# EX	0	0	1	0	0
EYES	# EX	0	0	1	0	0
FEMUR	# EX	0	0	1	0	0
BONE MARROW, FEMUR	# EX	0	0	1	0	0
NOSE	# EX	0	0	1	0	0

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

PROJECT SUMMARY

STUDY ID : DIMP KITS
 FATE: ALL

STUDY NUMBER: TP001K

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP: NUMBER OF ANIMALS:		CONTROL A 43	CONTROL B 43	150 ppm 14	450 ppm 41	2500 ppm 32
	# EX	#	#	#	#	#
MEDIASTINAL LYMPH NODE HYPERPLASIA, LYMPHOID	# EX	0 0	0 0	0 0	1 1	0 0
ILIAC LYMPH NODE HYPERPLASIA, LYMPHOID	# EX	0 0	0 0	0 0	1 1	0 0
MESENTERY NECROSIS	# EX	1 1	0 0	0 0	0 0	0 0
BONE TIBIA- FRACTURE	# EX	0 0	0 0	0 0	1 0	1 1

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP
FATE: ALL

STUDY NUMBER: TP001F1

SEX: MALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:	# EX	1	2	3	4	5
		(1)	(2)	(3)	(4)	(5)
NUMBER OF ANIMALS:		13	13	13	13	13
BRAIN	# EX	0	0	0	1	0
SPINAL CORD	# EX	0	0	0	1	0
SCIATIC NERVE	# EX	0	0	0	1	0
ADRENAL GLAND	# EX	0	0	0	1	0
KIDNEYS	# EX	0	0	0	1	0
MINERALIZATION		0	0	0	1	0
RENAL TUBULE- DEGENERATION		0	0	0	1	0
TESTIS	# EX	13	13	13	13	13
ATROPHY/INVOLUTION		0	1	0	0	1
INFLAMMATION, SUBACUTE		1	0	0	0	0
INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
MINERALIZATION		0	1	0	0	0
SEMINIFEROUS TUBULE- SYNCYTIAL ALTERATION		1	1	0	0	1
MESOTHELIUM- HYPERPLASIA		0	0	1	0	0
EPIDIDYMIS	# EX	13	13	13	13	13
GRANULOMA, SPERMATIC		3	0	0	2	1
INFLAMMATION, SUBACUTE		1	1	0	0	3
INFLAMMATION, CHRONIC		0	1	4	1	3
INFLAMMATION, CHRONIC ACTIVE		2	3	0	0	2
PROSTATE	# EX	13	13	13	12	13
ATROPHY		0	0	0	0	2
CYST		3	1	3	3	2
INFLAMMATION, SUBACUTE		1	0	0	0	1
URETHRA- INFLAMMATION, CHRONIC		0	0	1	0	1
TRACHEA	# EX	0	0	0	1	0

(1) - CONTROL A
(2) - CONTROL B
(3) - 150 ppm

(4) - 450 ppm
(5) - 2500 ppm

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP	STUDY NUMBER: TP001F1
FATE: ALL	

SEX: MALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:	# EX	1	2	3	4	5
		(1)	(2)	(3)	(4)	(5)
NUMBER OF ANIMALS:		13	13	13	13	13
ESOPHAGUS	# EX	0	0	0	1	0
URINARY BLADDER	# EX	0	0	0	1	0
AORTA	# EX	0	0	0	1	0
LUNGS	# EX	1	0	0	1	2
FOREIGN BODY		1	0	0	0	0
HEMORRHAGE		0	0	0	0	1
INTERSTITIUM- INFLAMMATION, CHRONIC		0	0	0	0	1
INTERSTITIUM- INFLAMMATION, CHRONIC ACTIVE		1	0	0	0	0
METAPLASIA, OSSEOUS		0	0	0	1	1
HEART	# EX	0	0	0	1	0
SKIN	# EX	0	0	0	1	1
HAIR FOLLICLE- ATROPHY		0	0	0	0	1
SKELETAL MUSCLE	# EX	0	0	0	1	0
STOMACH	# EX	0	0	0	1	0
PANCREAS	# EX	0	0	0	1	0
DUODENUM	# EX	0	0	0	1	0
ILEUM	# EX	0	0	0	1	0
COLON	# EX	0	0	0	1	0
JEJUNUM	# EX	0	0	0	1	0
RECTUM	# EX	0	0	0	1	0
GLAND- DILATATION		0	0	0	1	0

(1) - CONTROL A
 (2) - CONTROL B
 (3) - 150 ppm

(4) - 450 ppm
 (5) - 2500 ppm

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP	STUDY NUMBER: TP001F1
FATE: ALL	

SEX: MALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:		13	13	13	13	13
RECTUM	# EX	0	0	0	1	0
MUCOSA- INFLAMMATION, CHRONIC		0	0	0	1	0
MESENTERIC LYMPH NODES	# EX	0	0	0	1	0
ATROPHY		0	0	0	1	0
HEMORRHAGE		0	0	0	1	0
THYMIC AREA	# EX	0	0	0	1	0
CORTEX- ATROPHY		0	0	0	1	0
SPLEEN	# EX	0	0	0	1	0
HEMATOPOIETIC CELL PROLIFERATION		0	0	0	1	0
SALIVARY GLAND	# EX	0	0	0	1	0
LIVER	# EX	8	9	5	8	7
BILE DUCT- HYPERPLASIA		1	2	3	1	1
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC		7	7	5	8	4
INFLAMMATION, SUBACUTE		1	1	1	1	2
INFLAMMATION, CHRONIC		0	0	0	1	0
NECROSIS		1	2	1	1	4
PIGMENT		0	0	0	0	1
GALLBLADDER	# EX	1	1	0	1	0
ECTOPIC TISSUE, PANCREAS		0	1	0	0	0
HYPERTHYROIDISM, LYMPHOID		0	1	0	0	0
INFLAMMATION, CHRONIC ACTIVE		1	0	0	0	0
EYES	# EX	0	0	0	1	0
FEMUR	# EX	0	0	0	1	0
BONE MARROW, FEMUR	# EX	0	0	0	1	0
DEPLETION		0	0	0	1	0

(1) - CONTROL A
 (2) - CONTROL B
 (3) - 150 ppm

(4) - 450 ppm
 (5) - 2500 ppm

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP
FATE: ALL

STUDY NUMBER: TP001F1

SEX: MALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:	13	13	13	13	13
<hr/>					
NOSE	# EX	0	0	0	1
CAVITIES	# EX	2	0	0	0
FAT- NECROSIS		1	0	0	0
MEDIASTINAL LYMPH NODE	# EX	1	0	0	0
DEGENERATION, CYSTIC		1	0	0	0

(1) - CONTROL A	(4) - 450 ppm
(2) - CONTROL B	(5) - 2500 ppm
(3) - 150 ppm	

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP
FATE: ALL

STUDY NUMBER: TP001F1

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1	2	3	4	5
		(1)	(2)	(3)	(4)	(5)
NUMBER OF ANIMALS:		35	35	35	35	35
	# EX	#	#	#	#	#
BRAIN	# EX	35	35	35	35	35
BRAIN STEM- GLIOSIS		1	0	0	0	0
CEREBRUM/MENINGES- MINERALIZATION		0	1	0	1	0
CHOROID PLEXUS- INFLAMMATION, CHRONIC		4	1	0	0	0
CHOROID PLEXUS- MINERALIZATION		0	0	0	0	1
SPINAL CORD	# EX	35	35	35	34	35
SCIATIC NERVE	# EX	35	35	35	35	35
THYROID GLANDS	# EX	35	35	35	35	34
C CELL- HYPERPLASIA		2	5	3	6	1
CYSTIC FOLLICLES		10	10	10	12	12
FOLLICULAR CELL- HYPERPLASIA		1	0	0	1	0
INFLAMMATION, SUBACUTE		0	1	2	6	0
INFLAMMATION, CHRONIC		0	4	1	0	1
PARATHYROID GLANDS	# EX	31	32	28	29	24
CYST		1	0	0	0	0
VACUOLIZATION, CYTOPLASMIC		1	1	0	0	1
ADRENAL GLAND	# EX	35	35	35	35	35
CORTEX- HYPERPLASIA		0	0	0	0	1
HEMATOPOIETIC CELL PROLIFERATION		0	0	0	0	1
INFLAMMATION, ACUTE		1	0	0	0	0
INFLAMMATION, SUBACUTE		0	0	2	0	0
PERITONEUM- INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
PIGMENT		1	0	2	1	0
PITUITARY GLAND	# EX	35	34	33	34	33
PARS NERVOSA- GLIOSIS		3	0	0	0	0
KIDNEYS	# EX	35	35	35	35	35
ARTERY- INFLAMMATION, CHRONIC		0	0	0	0	1

(1) - CONTROL A
(2) - CONTROL B
(3) - 150 ppm

(4) - 450 ppm
(5) - 2500 ppm

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP
FATE: ALL

STUDY NUMBER: TP001F1

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:		35	35	35	35	35
KIDNEYS	# EX	35	35	35	35	35
CYST		0	0	0	1	0
INFARCT		0	1	2	1	0
INTERSTITIUM- INFLAMMATION, ACUTE		0	0	1	0	0
INTERSTITIUM- INFLAMMATION, SUBACUTE		1	0	3	4	5
INTERSTITIUM- INFLAMMATION, CHRONIC		1	0	0	3	1
METAPLASIA OSSEOUS		1	0	1	0	0
MINERALIZATION		33	33	28	32	33
PELVIS- CALCULUS		0	0	0	1	2
PELVIS- INFLAMMATION, CHRONIC		0	1	0	0	3
RENAL TUBULE- DEGENERATION		10	4	11	16	15
RENAL TUBULE- PIGMENT		1	0	0	0	0
RENAL TUBULE- DILATATION		0	0	1	0	0
OVARIES	# EX	35	35	35	35	34
CONGESTION		1	0	0	0	0
DEGENERATION		0	0	0	0	1
MINERALIZATION		0	0	0	0	1
UTERUS	# EX	35	35	35	35	34
ENDOMETRIUM- CYST		1	2	1	0	0
ENDOMETRIUM- INFLAMMATION, CHRONIC		0	1	0	0	0
LUMEN- EXUDATE		0	0	1	1	0
LUMEN- DILATATION		0	0	1	0	0
PIGMENT		5	6	6	14	12
OVIDUCTS	# EX	34	35	33	34	34
CYST		1	1	2	3	3
DILATATION		3	0	0	1	3
INFLAMMATION, CHRONIC		0	1	1	0	0
TRACHEA	# EX	35	35	35	35	35

(1) - CONTROL A
(2) - CONTROL B
(3) - 150 ppm

(4) - 450 ppm
(5) - 2500 ppm

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLEPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

PROJECT SUMMARY

STUDY ID : DIMP
 FATE: ALL

STUDY NUMBER: TP001F1

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:		35	35	35	35	35
ESOPHAGUS	# EX	35	35	35	34	35
INFLAMMATION, CHRONIC		0	1	0	0	0
URINARY BLADDER	# EX	34	35	34	35	34
INFLAMMATION, SUBACUTE		0	0	2	0	0
PERITONEUM- INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
AORTA	# EX	35	34	34	33	35
LUNGS	# EX	35	35	35	35	35
HEMORRHAGE		0	0	0	1	0
INFILTRATING CELL, LYMPHOCYTE		0	1	1	1	0
INTERSTITIUM- INFLAMMATION, ACUTE		0	0	0	1	1
INTERSTITIUM- INFLAMMATION, SUBACUTE		4	0	0	1	3
INTERSTITIUM- INFLAMMATION, CHRONIC		2	0	0	1	0
METAPLASIA, OSSEOUS		26	26	21	19	20
PLEURA- INFLAMMATION, CHRONIC		0	0	1	0	1
HEART	# EX	35	35	35	35	35
CARDIOMYOPATHY		0	0	0	0	1
MYOCARDIUM- INFARCT		0	0	1	1	1
MYOCARDIUM- INFLAMMATION, SUBACUTE		0	1	0	0	0
VALVE- HYPERTROPHY		0	0	1	0	1
EPICARDIUM- INFLAMMATION, ACUTE		0	0	0	1	0
SKIN	# EX	35	35	35	35	35
HAIR FOLLICLE- INFLAMMATION, CHRONIC		2	2	2	1	4
HAIR FOLLICLE- ATROPHY		0	1	1	0	0
INFLAMMATION, ACUTE		1	1	0	1	0
INFLAMMATION, SUBACUTE		0	1	1	1	0
INFLAMMATION, CHRONIC		0	1	0	2	1
INFLAMMATION, CHRONIC ACTIVE		1	0	0	1	1

(1) - CONTROL A
 (2) - CONTROL B
 (3) - 150 ppm

(4) - 450 ppm
 (5) - 2500 ppm

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP
FATE: ALL

STUDY NUMBER: TP001F1

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:		35	35	35	35	35
MAMMARY GLAND	# EX	31	30	31	30	27
MINERALIZATION		1	0	0	4	2
CYST		2	5	2	1	0
INFLAMMATION- ACUTE		3	2	0	2	1
INFLAMMATION- CHRONIC		1	3	0	1	0
INFLAMMATION- CHRONIC ACTIVE		1	0	1	1	0
SKELETAL MUSCLE	# EX	35	35	35	35	35
DEGENERATION		1	0	0	0	1
INFLAMMATION, SUBACUTE		1	0	0	0	0
HEMORRHAGE		0	0	1	1	0
STOMACH	# EX	35	35	35	35	35
MUCOSA- INFLAMMATION, CHRONIC		2	3	0	2	1
MUCOSA- INFLAMMATION, CHRONIC ACTIVE		2	0	0	1	1
MUCOSA- MINERALIZATION		0	2	0	1	0
PERITONEUM- FAT- CONGESTION		0	0	0	1	0
PERITONEUM- INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
PANCREAS	# EX	35	35	35	35	35
INFLAMMATION, SUBACUTE		0	1	0	0	0
INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
NECROSIS		0	0	0	0	1
PERITONEUM- INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
VEIN- INFLAMMATION, ACUTE		0	0	0	0	1
DUODENUM	# EX	35	34	35	35	35
MUCOSA- INFLAMMATION, ACUTE		1	0	0	0	0
PERITONEUM- INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
ILEUM	# EX	35	35	35	35	35
PERITONEUM- INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1

(1) - CONTROL A
(2) - CONTROL B
(3) - 150 ppm

(4) - 450 ppm
(5) - 2500 ppm

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

PROJECT SUMMARY

STUDY ID : DIMP
 FATE: ALL

STUDY NUMBER: TP001F1

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:		35	35	35	35	35
COLON	# EX	34	35	34	35	35
GLAND- DILATATION		0	1	1	0	0
MUCOSA- INFLAMMATION, CHRONIC		1	0	0	0	1
PERITONEUM- INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
VEIN- INFLAMMATION, ACUTE		0	0	0	1	0
JEJUNUM	# EX	35	35	35	35	35
MUCOSA- INFLAMMATION, CHRONIC		0	0	0	0	1
MUCOSA- INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
RECTUM	# EX	34	35	35	35	35
GLAND- DILATATION		0	0	1	0	0
MUCOSA- INFLAMMATION, CHRONIC		3	0	6	7	3
MUCOSA- MINERALIZATION		0	1	2	1	1
PERITONEUM- INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
MESENTERIC LYMPH NODES	# EX	35	35	35	35	35
ABSCESS		0	0	1	0	1
ATROPHY		1	0	0	0	2
DEGENERATION, CYSTIC		0	2	0	1	1
HEMORRHAGE		0	2	1	1	1
HYPERPLASIA, LYMPHOID		16	14	15	20	9
PERITONEUM- INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
THYMIC AREA	# EX	33	34	35	34	33
CORTEX- ATROPHY		16	8	11	9	16
HEMORRHAGE		3	4	0	0	0
INFLAMMATION, CHRONIC		0	1	0	0	1
SPLEEN	# EX	35	35	35	35	35
HEMATOPOIETIC CELL PROLIFERATION		15	19	19	14	20
NECROSIS		1	1	1	1	2
CAPSULE- FIBROSIS		0	1	0	0	0
HEMORRHAGE		0	0	0	1	0

(1) - CONTROL A
 (2) - CONTROL B
 (3) - 150 ppm

(4) - 450 ppm
 (5) - 2500 ppm

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

PROJECT SUMMARY

STUDY ID : DIMP
 FATE: ALL

STUDY NUMBER: TP001F1

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:		35	35	35	35	35
SPLEEN	# EX	35	35	35	35	35
PERITONEUM- INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
SALIVARY GLAND	# EX	35	35	35	35	35
INFLAMMATION, SUBACUTE		0	0	0	1	0
INFLAMMATION, CHRONIC		3	1	0	1	0
MANDIBULAR LYMPH NODE	# EX	24	25	28	30	29
HYPERPLASIA, LYMPHOID		16	20	24	27	21
NECROSIS		1	0	0	0	0
LIVER	# EX	35	35	35	35	35
BILE DUCT- HYPERPLASIA		4	10	8	8	11
HEMATOPOIETIC CELL PROLIFERATION		0	0	0	1	2
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC		2	1	2	7	6
INFLAMMATION, SUBACUTE		2	5	5	10	2
INFLAMMATION, CHRONIC		0	0	1	0	1
NECROSIS		0	1	0	1	2
PERITONEUM- INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
PIGMENT		0	0	1	1	2
GALLBLADDER	# EX	35	35	35	35	34
ECTOPIC TISSUE, PANCREAS		16	10	10	13	13
HYPERPLASIA, EPITHELIUM		0	0	0	0	1
HYPERPLASIA, LYMPHOID		14	12	18	12	12
INFLAMMATION, CHRONIC		0	0	0	0	1
PERITONEUM- INFLAMMATION, CHRONIC ACTIVE		0	0	0	0	1
EYES	# EX	35	35	35	35	35
CONJUNCTIVA- INFLAMMATION- CHRONIC		2	0	0	0	1
CORNEA- INFLAMMATION, CHRONIC ACTIVE		0	0	1	0	0
FEMUR	# EX	34	35	35	35	35
SYNOVIA- INFLAMMATION, CHRONIC		0	0	0	1	0

(1) - CONTROL A
 (2) - CONTROL B
 (3) - 150 ppm

(4) - 450 ppm
 (5) - 2500 ppm

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

PROJECT SUMMARY

STUDY ID : DIMP
 FATE: ALL

STUDY NUMBER: TP001F1

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:		35	35	35	35	35
BONE MARROW, FEMUR DEPLETION	# EX	34 0	35 1	35 1	35 1	35 2
NOSE	# EX	35	35	35	35	35
BONE- INFLAMMATION, CHRONIC		0	0	2	0	1
MUCOSA- HEMORRHAGE		0	2	0	0	0
MUCOSA- INFLAMMATION, ACUTE		0	0	0	0	1
MUCOSA- INFLAMMATION, CHRONIC		2	3	2	1	0
MUCOSA- INFLAMMATION, CHRONIC ACTIVE		0	1	0	2	0
MUCOSAL GLANDS- INFLAMMATION, CHRONIC		3	1	2	2	2
NASOLACRIMAL DUCT- FOREIGN BODY		1	1	1	0	1
NASOLACRIMAL DUCT- INFLAMMATION, ACUTE		0	0	1	0	0
NASOLACRIMAL DUCT- INFLAMMATION, SUBACUTE		2	0	0	0	0
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC		7	8	9	15	3
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC ACTIVE		0	1	0	0	0
MESENTERY	# EX	0	1	1	0	1
FAT- NECROSIS		0	1	1	0	1
TOOTH ABSCESS	# EX	0 0	1 1	1 1	1 1	1 1
GINGIVA	# EX	0	0	1	0	0
INFLAMMATION- CHRONIC		0	0	1	0	0
DIAPHRAGM	# EX	0	0	1	0	0
FAT- NECROSIS		0	0	1	0	0

(1) - CONTROL A
 (2) - CONTROL B
 (3) - 150 ppm

(4) - 450 ppm
 (5) - 2500 ppm

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP KITS
FATE: ALL

STUDY NUMBER: TP001F2

SEX: MALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:		50	34	40	35	39
BRAIN	# EX	3	0	0	0	0
VENTRICLES- DILATATION		1	0	0	0	0
SPINAL CORD	# EX	2	0	0	0	0
SCIATIC NERVE	# EX	3	0	0	0	0
THYROID GLANDS	# EX	3	0	0	0	0
FOLLICULAR CELL- HYPERPLASIA		1	0	0	0	0
PARATHYROID GLANDS	# EX	3	0	0	0	0
ADRENAL GLAND	# EX	3	0	0	0	0
PITUITARY GLAND	# EX	3	0	0	0	0
KIDNEYS	# EX	3	0	0	0	0
TESTIS	# EX	2	0	0	0	0
EPIDIDYMIS	# EX	2	0	0	0	0
PROSTATE	# EX	1	0	1	0	0
PIGMENT		1	0	1	0	0
TRACHEA	# EX	3	0	0	0	0
ESOPHAGUS	# EX	3	0	0	0	0
URINARY BLADDER	# EX	4	0	1	0	0
INFLAMMATION, CHRONIC ACTIVE		0	0	1	0	0
AORTA	# EX	3	0	0	0	0

(1) - CONTROL A
(2) - CONTROL B
(3) - 150 ppm

(4) - 450 ppm
(5) - 2500 ppm

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP KITS
FATE: ALL

STUDY NUMBER: TP001F2

SEX: MALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:		50	34	40	35	39
LUNGS	# EX	5	5	1	1	0
CYST		0	2	0	0	0
METAPLASIA OSSEOUS		0	0	1	0	0
CONGESTION		0	2	1	1	0
HEART	# EX	3	0	0	0	0
SKIN	# EX	4	1	0	0	0
INFLAMMATION, CHRONIC ACTIVE		1	1	0	0	0
MAMMARY GLAND	# EX	1	0	0	0	0
SKELETAL MUSCLE	# EX	3	0	0	0	0
STOMACH	# EX	3	1	0	0	0
SUBMUCOSA- EDEMA		0	1	0	0	0
MUCOSA- CYST		1	0	0	0	0
PANCREAS	# EX	2	0	0	0	0
DUODENUM	# EX	3	0	0	0	0
ILEUM	# EX	3	0	0	0	0
COLON	# EX	4	0	0	0	0
JEJUNUM	# EX	3	0	0	0	0
RECTUM	# EX	3	0	0	0	0
MESENTERIC LYMPH NODES HYPERPLASIA, LYMPHOID	# EX	9 5	4 3	8 8	8 5	9 7

(1) - CONTROL A
(2) - CONTROL B
(3) - 150 ppm

(4) - 450 ppm
(5) - 2500 ppm

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP KITS
FATE: ALL

STUDY NUMBER: TP001F2

SEX: MALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:		50	34	40	35	39
THYMIC AREA	# EX	4	0	0	0	0
SPLEEN	# EX	4	0	0	8	1
HEMATOPOIETIC CELL PROLIFERATION		1	0	0	1	0
HEMORRHAGE		1	0	0	0	0
SALIVARY GLAND	# EX	3	0	0	0	0
MANDIBULAR LYMPH NODES	# EX	3	0	0	0	1
HYPERPLASIA, LYMPHOID		0	0	0	0	1
LIVER	# EX	3	0	0	2	1
NECROSIS		0	0	0	1	1
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC		1	0	0	0	0
HEMATOPOIETIC CELL PROLIFERATION		0	0	0	1	0
GALLBLADDER	# EX	1	0	0	0	0
EYES	# EX	3	0	0	0	0
FEMUR	# EX	4	0	0	0	0
HYPEROSTOSIS		1	0	0	0	0
BONE MARROW, FEMUR	# EX	3	0	0	0	0
NOSE	# EX	3	0	0	0	0
MUCOSA- HEMORRHAGE		1	0	0	0	0
AXILLARY LN	# EX	1	0	0	0	0
HYPERPLASIA, LYMPHOID		1	0	0	0	0
FORELIMB	# EX	1	0	0	0	0

(1) - CONTROL A
(2) - CONTROL B
(3) - 150 ppm

(4) - 450 ppm
(5) - 2500 ppm

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

PROJECT SUMMARY

STUDY ID : DIMP KITS
 FATE: ALL

STUDY NUMBER: TP001F2

SEX: MALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:		50	34	40	35	39
HINDLIMB	# EX	2	0	0	0	0
BONE- HYPEROSTOSIS		1	0	0	0	0
JOINT- SYNOVIA- INFLAMMATION, CHRONIC		1	0	0	0	0
LYMPH NODE	# EX	0	0	0	1	0
PANCREATIC- HYPERPLASIA, LYMPHOID		0	0	0	1	0
MESENTERIC LN, LYMPH VESS	# EX	3	1	3	2	0
SKULL CAP	# EX	2	0	0	0	0
ATROPHY		1	0	0	0	0
FOOT	# EX	0	2	0	0	0
SUBCUTANEOUS TISSUE- EDEMA		0	1	0	0	0
LIMB	# EX	0	1	0	0	0
SUBCUTANEOUS TISSUE- EDEMA		0	1	0	0	0
URETER	# EX	0	0	1	0	0
DILATATION		0	0	1	0	0
INFLAMMATION, CHRONIC ACTIVE		0	0	1	0	0
BONE, TIBIA	# EX	1	0	0	0	0
CHONDRODYSTROPHY		1	0	0	0	0

(1) - CONTROL A
 (2) - CONTROL B
 (3) - 150 ppm

(4) - 450 ppm
 (5) - 2500 ppm

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP KITS
FATE: ALL

STUDY NUMBER: TP001F2

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:		44	36	37	31	39
THYROID GLANDS	# EX	0	1	0	1	2
FOLLICULAR CELL- HYPERPLASIA		0	1	0	1	2
KIDNEYS	# EX	0	0	0	1	0
OVARIES	# EX	2	0	1	0	0
CONGESTION		1	0	1	0	0
LUNGS	# EX	2	2	4	2	2
HEMORRHAGE		0	0	1	0	0
METAPLASIA OSSEOUS		1	1	0	1	0
CONGESTION		1	1	1	1	1
INTERSTITIUM- INFLAMMATION, CHRONIC		0	0	0	0	1
PLEURA- INFLAMMATION, CHRONIC ACTIVE		0	1	0	0	1
SKIN	# EX	11	4	2	1	5
INFLAMMATION, CHRONIC ACTIVE		10	3	1	0	3
INFLAMMATION, CHRONIC		0	0	1	0	0
ULCER		2	1	0	1	3
EROSION		4	0	0	0	0
STOMACH	# EX	0	1	0	0	0
MESENTERIC LYMPH NODES	# EX	17	5	9	11	13
HYPERPLASIA, LYMPHOID		11	4	7	6	9
SPLEEN	# EX	0	1	0	1	0
HEMATOPOIETIC CELL PROLIFERATION		0	1	0	1	0
MANDIBULAR LYMPH NODES	# EX	1	1	1	0	1
HYPERPLASIA, LYMPHOID		1	1	0	0	1
HEMORRHAGE		1	0	1	0	0

(1) - CONTROL A
(2) - CONTROL B
(3) - 150 ppm

(4) - 450 ppm
(5) - 2500 ppm

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

PROJECT SUMMARY

STUDY ID : DIMP KITS
FATE: ALL

STUDY NUMBER: TP001F2

SEX: FEMALE

INCIDENCE OF NEOPLASTIC and NON-NEOPLASTIC MICROSCOPIC FINDINGS

GROUP:		1 (1)	2 (2)	3 (3)	4 (4)	5 (5)
NUMBER OF ANIMALS:		44	36	37	31	39
LIVER	# EX	0	1	1	0	0
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC		0	0	1	0	0
CONGESTION		0	1	0	0	0
INFLAMMATION, ACUTE		0	1	0	0	0
AXILLARY LN	# EX	1	1	1	0	0
HEMORRHAGE		1	0	0	0	0
HISTIOCYTOSIS		1	0	0	0	0
HYPERPLASIA, LYMPHOID		0	1	1	0	0
HINDLIMB	# EX	1	0	0	0	0
LYMPH NODE	# EX	0	0	0	1	0
HYPERPLASIA, LYMPHOID		0	0	0	1	0
MESENTERIC LN, LYMPH VESS	# EX	2	0	4	2	3
FOOT	# EX	0	2	0	0	0
SUBCUTANEOUS TISSUE- EDEMA		0	2	0	0	0
MESENTERY	# EX	0	0	0	1	0

(1) - CONTROL A
(2) - CONTROL B
(3) - 150 ppm

(4) - 450 ppm
(5) - 2500 ppm

III. Tabulated Animal Data

Page 1

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP
FATE: Scheduled Sacrifice

STUDY NUMBER: TP-001
GROUP: CONTROL B
SEX: MALE

ANIMAL ID: 96

LIVER	
BILE DUCT- HYPERPLASIA	1
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	(2)

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP
FATE: Scheduled Sacrifice

STUDY NUMBER: TP-001
GROUP: 150 ppm
SEX: MALE

ANIMAL ID:	83	98
LIVER HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	<2>	(2)

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP
FATE: Scheduled Sacrifice

STUDY NUMBER: TP-001
GROUP: 450 ppm
SEX: MALE

ANIMAL ID:	50	85
LIVER HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	<2>	N -

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP
FATE: Scheduled Sacrifice

STUDY NUMBER: TP-001
GROUP: 2500 ppm
SEX: MALE

ANIMAL ID:	49	52	62	88
LIVER HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	<2>	(3)	(2)	(2)

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE					
ANIMAL ID:	15	16	21	29	32	36
BRAIN	N	N	N		N	N
CEREBRUM- MINERALIZATION	-	-	-	1	-	-
SPINAL CORD	N	N	N	N	N	N
SCIATIC NERVE	N	N	N	N	N	N
THYROID GLANDS	N	N	N	N	N	N
PARATHYROID GLANDS	N	U	N	N	N	N
ADRENAL GLAND	N		N		N	N
CORTEX- VACUOLATION	-	1	-	11	-	-
PITUITARY GLAND	N			N	N	N
PARS NERVOSA- GLIOSIS	-	1	-	-	-	-
PARS DISTALIS- HYPERPLASIA	-	-	3	-	-	-
KIDNEYS						
MINERALIZATION	11	11	11	1	11	11
RENAL TUBULE- DEGENERATION	-	-	-	-	11	-
OVARIES	N	N	N	N	N	N
UTERUS	N	N	N	N	N	
PIGMENT	-	-	-	-	-	2
OVIDUCT	N	N	N	N	U	N
TRACHEA	N	N	N	N	N	N
ESOPHAGUS	N	N	N	N	N	N
URINARY BLADDER	N	N	N	N	U	N
AORTA	N	N	N	N	N	N
LUNGS	N		N		N	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:	STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE					
	15	16	21	29	32	36
LUNGS	N		N		N	
INTERSTITIUM- INFLAMMATION, CHRONIC	-	1	-	-	-	-
METAPLASIA, OSSEOUS	-	-	-	-	-	(1)
PLEURA- INFLAMMATION, CHRONIC	-	-	-	2	-	-
HEART	N	N	N	N	N	N
SKIN	N	N	N	N	N	
HAIR FOLLICLE- INFLAMMATION, CHRONIC	-	-	-	-	-	1
MAMMARY GLAND						
MINERALIZATION	-	-	3	-	1	-
CYST	1	2	-	2	-	1
INFLAMMATION- CHRONIC	-	-	-	1	-	-
INFLAMMATION- CHRONIC ACTIVE	-	-	2	-	-	-
SKELETAL MUSCLE	N	N	N	N	N	N
STOMACH						
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	2	-	-	-	-	2
PANCREAS	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N
COLON	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N
RECTUM	N	N	N	N	N	N
MESENTERIC LYMPH NODES						
HYPERPLASIA, LYMPHOID	1	1	-	-	1	1
THYMIC AREA	N	N	N	N	1	N
CORTEX- ATROPHY	-	-	-	-	-	-

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE
	15	16	21	29	32	36	
SPLEEN				N		N	
HEMATOPOIETIC CELL PROLIFERATION	2	-	-	1	-	2	
HEMORRHAGE	-	21	-	-	-	-	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE		U	N			U	
HEMORRHAGE	-	-	-	-	1	-	
HYPERPLASIA, LYMPHOID	1	-	-	1	1	-	
LIVER			N	N		N	
HEMATOPOIETIC CELL PROLIFERATION	-	-	-	1	-	-	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	1	-	-	-	-	-	
GALLBLADDER	N	N	N	N	N	N	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N			N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	-	1	-	-	-	
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	-	-	-	3	-	-	
TOOTH							
ABSCESS	4	-	-	-	-	-	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: CONTROL A SEX: FEMALE
ANIMAL ID:	71	72	76	78	79	80	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS		N	N	N	N	N	
C CELL- HYPERPLASIA	-	-	-	-	-	-	1I
CYSTIC FOLLICLES	1I	-	-	-	-	-	-
PARATHYROID GLANDS	N	N	N	N	N	N	U
ADRENAL GLAND	N	N	N		N	N	
CORTEX- VACUOLATION	-	-	-	1I	-	-	-
PITUITARY GLAND	N	N			N	N	
PARS NERVOSA- GLIOSIS	-	-	-	-	-	-	1
PARS DISTALIS- HYPERPLASIA	-	-	<2>	-	-	-	-
KIDNEYS							
INTERSTITIUM- INFLAMMATION, SUBACUTE	-	-	1	-	-	-	-
MINERALIZATION	1I	1L	1	1I	1I	1I	
OVARIES	N	N	N	N	N	N	
UTERUS				N			
LUMEN- EXUDATE	-	1	-	-	-	-	-
PIGMENT	1	-	-	1	2	1	
OVIDUCT	U	N	N	U	U	N	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N		N	N	N	N	
INFLAMMATION, CHRONIC ACTIVE	-	2	-	-	-	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:	STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE					
	71	72	76	78	79	80
AORTA	N	N	N	N	N	N
LUNGS			N		N	
HEMORRHAGE	<1>	-	-	-	-	-
INTERSTITIUM- INFLAMMATION, SUBACUTE	-	1	-	-	-	-
METAPLASIA, OSSEOUS	-	-	-	1	-	1
HEART	N		N	N	-	N
EPICARDIUM- FAT DEPOSIT	-	2	-	-	-	-
PERICARDIUM- NECROSIS, FAT	-	-	-	-	3	-
SKIN	N	N	N	N		
INFLAMMATION, CHRONIC	-	-	-	-	1	1
MAMMARY GLAND	N	N	N			N
MINERALIZATION	-	-	-	1	-	-
CYST	-	-	-	-	2	-
SKELETAL MUSCLE	N	N	N	N	N	N
STOMACH	N	N	N	N	N	N
PANCREAS	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N
COLON	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N
RECTUM	N	N	N	N	N	N
MESENTERIC LYMPH NODES			N		N	
HEMORRHAGE	-	-	-	1	-	-
HYPERPLASIA, LYMPHOID	1	-	1	1	-	1

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE						
	ANIMAL ID:	71	72	76	78	79	80
THYMIC AREA		N	N		N	N	N
CORTEX- ATROPHY		-	-	3	-	-	-
HEMORRHAGE		-	-	1	-	-	-
SPLEEN							
HEMATOPOIETIC CELL PROLIFERATION		1	1	1	2	1	1
SALIVARY GLAND		N	N	N	N	N	N
MANDIBULAR LYMPH NODE				N	N	U	
HEMORRHAGE		-	-	-	-	-	1
HYPERPLASIA, LYMPHOID		2	-	2	-	-	-
LIVER		N					N
HEMATOPOIETIC CELL PROLIFERATION		-	1	1	1	3	-
GALLBLADDER		N	N			N	N
ECTOPIC TISSUE, PANCREAS		-	-	P	P	-	-
EYES		N	N	N	N	N	N
FEMUR		N	N	N	N	N	N
BONE MARROW, FEMUR DEPLETION		N		N	N	N	N
-	1	-	-	-	-	-	-
NOSE				N	N	N	N
MUCOSAL GLANDS- INFLAMMATION, CHRONIC ACTIVE	2	-	-	-	-	-	-
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	1	-	-	-	-	-
TOOTH							
ABSCESS	-	-	-	-	-	-	4
GINGIVA							
INFLAMMATION- CHRONIC ACTIVE	-	2	-	-	-	-	-

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	106	111	114	124	127	130	STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS	N	N	N	N			
C CELL - HYPERPLASIA	-	-	-	-	11	-	
CYSTIC FOLLICLES	-	-	-	-	-	1	
PARATHYROID GLANDS	N	N	N	N	N	N	
ADRENAL GLAND		N	N	N	N	N	
INFLAMMATION, CHRONIC	21	-	-	-	-	-	
PITUITARY GLAND	N	N	N	N	N	N	
KIDNEYS			N				N
MINERALIZATION	11	1	-	11	11	-	
OVARIES	N	N	N	N	N	N	
UTERUS		N	N				N
LUMEN- EXUDATE	-	-	-	1	1	-	
PIGMENT	2	-	-	-	-	-	
OVIDUCT	N	U	N	N	N	N	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	
LUNGS	N	N	N	N		N	
HEMORRHAGE	-	-	-	-	1	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	106	111	114	124	127	130	STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE
LUNGS	N	N	N	N		N	
METAPLASIA, OSSEOUS	-	-	-	-	1	-	
HEART	N	N	N	N	N	N	
SKIN	N	N		N			
HAIR FOLLICLE- ATROPHY	-	-	3	-	-	-	
INFLAMMATION, CHRONIC	-	-	2	-	1	1	
MAMMARY GLAND	N	N		N	N		
MINERALIZATION	-	-	2	-	-	1	
CYST	-	-	2	-	-	-	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH	N	N	N	N		N	
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	-	-	-	-	2	-	
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON	N	N	N	N	N	N	
JEJUNUM	N	N	N	N	N	N	
RECTUM	N			N	N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	-	1	-	-	-	
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	-	2	-	-	-	-	
MESENTERIC LYMPH NODES			N				
HYPERPLASIA, LYMPHOID	1	1	-	1	1	1	
THYMIC AREA	N			N	N		
CORTEX- ATROPHY	-	1	3	-	-	2	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE					
ANIMAL ID:	106	111	114	124	127	130
SPLEEN	N		N	N		
HEMATOPOIETIC CELL PROLIFERATION	-	2	-	-	2	1
SALIVARY GLAND		N	N	N	N	N
INFLAMMATION, CHRONIC	1	-	-	-	-	-
MANDIBULAR LYMPH NODE	U	U		N	U	
HYPERPLASIA, LYMPHOID	-	-	1	-	-	2
LIVER	N				N	N
BILE DUCT- HYPERPLASIA	-	2	-	-	-	-
HEMATOPOIETIC CELL PROLIFERATION	-	1	-	-	-	-
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	-	-	-	1	-	-
INFLAMMATION, CHRONIC	-	2	2	-	-	-
GALLBLADDER						
ECTOPIC TISSUE, PANCREAS	P	P	-	P	P	P
INFLAMMATION, CHRONIC	-	2	1	-	-	-
EYES		N	N	N	N	N
CONJUNCTIVA- INFLAMMATION- CHRONIC	11	-	-	-	-	-
FEMUR	N	N	N	N	N	N
BONE MARROW, FEMUR	N	N	N		N	N
DEPLETION	-	-	-	1	-	-
NOSE	N	N	N	N	N	N
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	-	1

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice							STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE
	132	143	147	149	156	162	
ANIMAL ID:							
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS	N	N	N	N	N	N	
PARATHYROID GLANDS	N	N	N	N	N	U	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND							
PARS NERVOSA- GLIOSIS	2	1	-	-	-	-	
PARS DISTALIS- HYPERPLASIA	-	-	(1)	-	-	-	
KIDNEYS							
MINERALIZATION	II	II	II	II	II	II	
OVARIES	N	N	N	N	N	N	
UTERUS	N	N	N	N	-		
ENDOMETRIUM- CYST	-	-	-	-	-		2
PIGMENT	-	-	+	-	1	-	
OVIDUCT	U	N	U	U			
DILATATION	-	-	-	-	3		
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	
LUNGS							
METAPLASIA, OSSEOUS	1	1	-	1	1	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE
	132	143	147	149	156	162	
HEART	N	N	N	N	N	N	
SKIN INFLAMMATION, CHRONIC	-	-	-	-	-	-	1
MAMMARY GLAND CYST	N		N	N		N	
INFLAMMATION- CHRONIC ACTIVE	-	2	-	-	2	-	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH EROSION	-	1	-	-	-	-	
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	3	3	-	-	-	-	
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON	N	N	N	N	N	N	
JEJUNUM	N	N	N	N	N	N	
RECTUM	N	N	N	N	N	N	
MESENTERIC LYMPH NODES HYPERPLASIA, LYMPHOID	1	2	1	1	1	1	
THYMIC AREA CORTEX- ATROPHY	N		N	N			
HEMORRHAGE	-	2	-	-	2	-	
SPLEEN HEMATOPOIETIC CELL PROLIFERATION	-	1	-	2	1	2	
SALIVARY GLAND	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: CONTROL A
							SEX: FEMALE
ANIMAL ID:	132	143	147	149	156	162	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	2	1	1	1	-	1	U
LIVER	N	N	N	N	N	N	N
GALLBLADDER ECTOPIC TISSUE, PANCREAS	-	-	-	P	-	-	N
EYES	N	N	N	N	N	N	N
FEMUR	N	N	N	N	N	N	N
BONE MARROW, FEMUR	N	N	N	N	N	N	N
NOSE MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	2	-	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE					
ANIMAL ID:	166	170	171	179	188	189
BRAIN		N	N	N	N	N
CEREBRUM/MENINGES- MINERALIZATION	1	-	-	-	-	-
SPINAL CORD	N	N	N	N	N	N
SCIATIC NERVE	N	N	N	N	N	N
THYROID GLANDS	N	N	N	N	N	N
PARATHYROID GLANDS	N	N	N	N	N	N
ADRENAL GLAND	N	N	N	N	N	N
PITUITARY GLAND	N	N	N	N	N	N
PARS NERVOSA- GLIOSIS	-	-	-	-	1	-
KIDNEYS						
INTERSTITIUM- INFLAMMATION, CHRONIC	-	-	-	-	-	1
MINERALIZATION	11	1	11	11	11	-
RENAL TUBULE- DEGENERATION	-	-	-	-	-	1
OVARIES	N	N	N	N	N	N
UTERUS	N	N	N	N	N	N
PIGMENT	-	-	-	1	-	-
OVIDUCT	U	U	U	N	U	U
TRACHEA	N	N	N	N	N	N
ESOPHAGUS	N	N	N	N	N	N
URINARY BLADDER	N	N	N	N	N	N
AORTA	N	N	N	N	N	N
LUNGS						
METAPLASIA, OSSEOUS	1	1	-	-	-	-

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice							STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE
	ANIMAL ID:	166	170	171	179	188	189
HEART			N	N	N	N	N
ARTERY- HYPERTROPHY	2	-	-	-	-	-	-
SKIN				N	N	N	
INFLAMMATION, CHRONIC	1	-	-	-	-	-	1
INFLAMMATION, CHRONIC ACTIVE	-	1	-	-	-	-	-
FOREIGN BODY	-	-	-	-	-	-	1
MAMMARY GLAND		N	N	N	N		
MINERALIZATION	-	-	-	-	-	2	-
CYST	-	-	-	-	-	-	1
SKELETAL MUSCLE		N	N	N	N	N	N
STOMACH		N	N	N	N	N	N
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	-	3	-	-	-	-	-
PANCREAS		N	N	N	N	N	N
DUODENUM		N	N	N	N	N	N
ILEUM		N	N	N	N	N	N
COLON		N	N	N	N	N	N
JEJUNUM		N	N	N	N	N	N
RECTUM		N	N	N	N		N
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	1	-	-
MESENTERIC LYMPH NODES							
HYPERPLASIA, LYMPHOID	1	1	1	1	1	1	
THYMIC AREA		N	N	N	N	N	N
HEMORRHAGE	-	1	-	-	-	-	-
SPLEEN				N			
HEMATOPOIETIC CELL PROLIFERATION	2	1	-	2	1	2	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: CONTROL A
							SEX: FEMALE
ANIMAL ID:	166	170	171	179	188	189	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE		N	U		N		
HEMORRHAGE	-	-	-	-	-	1	
HYPERTPLASIA, LYMPHOID	1	-	-	1	-	1	
LIVER	N	N	N	N	N	N	
GALLBLADDER			N	N	P	N	
ECTOPIC TISSUE, PANCREAS	P	P	-	-	-	-	
EYES	N	N	N	N		N	
CONJUNCTIVA- INFLAMMATION- CHRONIC ACT	-	-	-	-	1	-	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N		N	N		N	
MUCOSA- INFLAMMATION, SUBACUTE	-	-	-	-	1	-	
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	-	1	-	-	-	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:						STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE
	194	196	210	212	219	
BRAIN	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	
THYROID GLANDS CYSTIC FOLLICLES	N -	N -	2I	N -	2I	
PARATHYROID GLANDS	N	N	N	U	N	
ADRENAL GLAND INFLAMMATION, SUBACUTE	N -	1I	N -	N -	N -	
PITUITARY GLAND	N	N	N	N	N	
KIDNEYS MINERALIZATION RENAL TUBULE- DEGENERATION	2I 1I	1I -	3I 2I	1I -	1 -	
OVARIES	N	N	N	N	N	
UTERUS PIGMENT	N -	N -	N -	1	N -	
OVIDUCT	N	N	N	U	N	
TRACHEA	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	
AORTA	N	N	N	N	N	
LUNGS METAPLASIA, OSSEOUS	1	-	1	1	1	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice						STUDY NUMBER: TP-001 GROUP: CONTROL A SEX: FEMALE
	194	196	210	212	219	
ANIMAL ID:	194	196	210	212	219	
HEART	N	N	N	N	N	
SKIN			N			
INFLAMMATION, CHRONIC	1	1	-	1	1	
MAMMARY GLAND	N	N				N
MINERALIZATION	-	-	1	-	-	
CYST	-	-	-	2	-	
SKELETAL MUSCLE	N	N	N	N	N	
STOMACH			N	N	N	N
MUCOSA- INFLAMMATION, CHRONIC	3	-	-	-	-	
MUCOSA- MINERALIZATION	1	-	-	-	-	
PANCREAS	N	N	N	N	N	
DUODENUM	N	N	N	N	N	
ILEUM	N	N	N	N	N	
COLON	N	N	N	N	N	
JEJUNUM	N	N	N	N	N	
RECTUM	N		N	N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	1	-	-	-	
MESENTERIC LYMPH NODES	N	N		N		
DEGENERATION, CYSTIC	-	-	1	-	-	
HEMORRHAGE	-	-	-	-	1	
HYPERPLASIA, LYMPHOID	-	-	-	-	1	
THYMIC AREA	N	N			N	
CORTEX- ATROPHY	-	-	2	1	-	
SPLEEN					N	
HEMATOPOIETIC CELL PROLIFERATION	2	1	2	1	-	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP						STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice						GROUP: CONTROL A
						SEX: FEMALE
ANIMAL ID:	194	196	210	212	219	
SALIVARY GLAND	N	N	N	N	N	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	2	1	U	N	U	
LIVER HEMATOPOIETIC CELL PROLIFERATION	1	-	N	N	N	
GALLBLADDER ECTOPIC TISSUE, PANCREAS	N	N	P	N	N	
EYES	N	N	N	N	N	
FEMUR	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	
NOSE NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	2	N	N	N	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	8	12	18	19	23	STUDY NUMBER: TP-001 GROUP: CONTROL B SEX: FEMALE
ANIMAL ID:	8	12	18	19	23	30
BRAIN	N	N	N	N	N	N
SPINAL CORD	N	N	N	N	N	N
SCIATIC NERVE	N	N	N	N	N	N
THYROID GLANDS	N	N			N	N
INFLAMMATION, SUBACUTE	-	-	-	1	-	-
INFLAMMATION, CHRONIC	-	-	21	-	-	-
PARATHYROID GLANDS	N	N	U	N	N	N
ADRENAL GLAND	N		N	N	N	N
CORTEX- VACUOLATION	-	21	-	-	-	-
PITUITARY GLAND		N	N		N	N
PARS DISTALIS- CYST	1	-	-	-	-	-
PARS NERVOSA- GLIOSIS	-	-	-	2	-	-
KIDNEYS						
MINERALIZATION	11	11	11	11	11	11
OVARIES	N	N		N	N	N
HEMORRHAGE	-	-	2	-	-	-
UTERUS	N		N		N	N
ENDOMETRIUM- INFLAMMATION, CHRONIC ACTIVE	-	-	-	2	-	-
LUMEN- DILATATION	-	1	-	-	-	-
PIGMENT	-	-	-	2	-	-
OVIDUCT	U	U	N	U	U	U
TRACHEA	N	N	N	N	N	N
ESOPHAGUS	N	N	N	N	N	N
URINARY BLADDER	N	N	N	N	N	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:	8	12	18	19	23	30	STUDY NUMBER: TP-001
							GROUP: CONTROL B
							SEX: FEMALE
AORTA	N	N	N	N	N	N	
LUNGS	N		N	N	N	N	
METAPLASIA, OSSEOUS	-	(1)	-	-	-	-	
HEART	N	N	N	N	N	N	
SKIN	N		N	N	N	N	
EPIDERMIS- HYPERPLASIA	-	1	-	-	-	-	
INFLAMMATION, CHRONIC	-	2	-	-	-	-	
MAMMARY GLAND	N	N					
CYST	-	-	2	2	-	-	
INFLAMMATION- CHRONIC	-	-	-	-	1	-	
INFLAMMATION- CHRONIC ACTIVE	-	-	-	-	-	1	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH			N	N	N	N	
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	1	2	-	-	-	-	
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON	N	N	N	N	N	N	
JEJUNUM	N	N	N	N	N	N	
RECTUM	N		N	N	N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	1	-	-	-	-	
MESENTERIC LYMPH NODES	N	N	N	N			
HYPERPLASIA, LYMPHOID	-	-	-	-	1	1	
THYMIC AREA	N	N	U	N			

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:	8	12	18	19	23	30	STUDY NUMBER: TP-001
							GROUP: CONTROL B
							SEX: FEMALE
THYMIC AREA CORTEX- ATROPHY	N	N	U	N	-	N	
	-	-	-	-	2	-	
SPLEEN HEMATOPOIETIC CELL PROLIFERATION		N	N		1	-	2
		1	-			-	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	U			U		U	
	-	1	1	-		1	
LIVER HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC INFLAMMATION, SUBACUTE		N		N	N	N	
	-	-	1	-	-	-	
	<1>	-	-	-	-	-	
GALLBLADDER ECTOPIC TISSUE, PANCREAS	N	N	N	N	N	N	
	-	-	-	-	-	-	P
EYES CONJUNCTIVA- INFLAMMATION- CHRONIC ACT	N	N	N	N	-	2	
	-	-	-	-			
FEMUR SYNOVIA- INFLAMMATION, CHRONIC	N	N	1	N	N	N	
	-	-		-	-	-	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N	N	N	N	
MESENTERY FAT- NECROSIS ABSCESS	-	4	-	-	-	-	
	-	-	-	3	-	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: CONTROL B
							SEX: FEMALE
ANIMAL ID:	34	37	40	42	44	45	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS	N	N	N	N	N	N	
PARATHYROID GLANDS	N	N	N	N	N	U	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND PARS INTERMEDIA- MINERALIZATION	-	1	-	-	-	-	
KIDNEYS INTERSTITIUM- INFLAMMATION, SUBACUTE MINERALIZATION	-	-	1	-	-	-	
	11	21	21	-	21	11	
OVARIES CYST	N	N	N	N	N		
	-	-	-	-	-		2
UTERUS PIGMENT	1	N	N	N	2	2	
OVIDUCT	U	N	N	N	N	N	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	
LUNGS	N	N	N	N	N	N	
HEART	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:	34	37	40	42	44	45	STUDY NUMBER: TP-001
							GROUP: CONTROL B
FATE: Scheduled Sacrifice							SEX: FEMALE
SKIN	N	N	N		N	N	
INFLAMMATION, SUBACUTE	-	-	-	1	-	-	
MAMMARY GLAND		N	U	N	N	U	
MINERALIZATION	1	-	-	-	-	-	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH	N			N	N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	2	2	-	-	-	
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON	N	N	N	N	N	N	
JEJUNUM	N	N	N	N	N	N	
RECTUM	N	N	N		N	N	
MUCOSA- MINERALIZATION	-	-	-	1	-	-	
MESENTERIC LYMPH NODES	N			N	N		
HYPERPLASIA, LYMPHOID	-	1	1	-	-	1	
THYMIC AREA				N	N		
CORTEX- ATROPHY	1	1	-	-	-	1	
HEMORRHAGE	-	-	2	-	-	-	
SPLEEN	N			N	N		
HEMATOPOIETIC CELL PROLIFERATION	1	-	2	1	-	1	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE	N			N	N		
HYPERPLASIA, LYMPHOID	1	-	1	-	-	2	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: CONTROL B SEX: FEMALE
ANIMAL ID:	34	37	40	42	44	45	
LIVER	N		N	N			
BILE DUCT- HYPERPLASIA	-	1	-	-	-		1
INFLAMMATION, SUBACUTE	-	-	-	-	1		-
GALLBLADDER	N	N	N	N	N	N	
EYES	N	N	N	N	N		
CONJUNCTIVA- INFLAMMATION- CHRONIC ACT	-	-	-	-	-		2I
FEMUR		N	N	N	N	N	
SYNOVIA- INFLAMMATION, CHRONIC	1	-	-	-	-		-
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N	N	N		
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	-	-	-	-		1

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	ANIMAL ID:	69	81	101	112	113	121	STUDY NUMBER: TP-001 GROUP: CONTROL B SEX: FEMALE
BRAIN		N	N	N	N	N	N	
SPINAL CORD		N	N	N	N	N	N	
SCIATIC NERVE		N	N	N	N	N	N	
THYROID GLANDS		N	N		N		N	
C CELL- HYPERPLASIA		-	-	II	-	-	-	
INFLAMMATION, CHRONIC		-	-	-	-	2I	-	
PARATHYROID GLANDS		N	N	N	U	N	N	
ADRENAL GLAND		N	N	N	N	N	N	
PITUITARY GLAND		N	N	N	N	N	N	
KIDNEYS								
INTERSTITIUM- INFLAMMATION, CHRONIC		-	-	-	-	-	2	
METAPLASIA OSSEOUS		<1>	-	-	-	-	-	
MINERALIZATION		II	II	II	II	II	2I	
PELVIS- INFLAMMATION, CHRONIC		-	-	-	1	-	-	
OVARIES		N	N	N	N	N	N	
UTERUS		N	N	N	N		N	
PIGMENT		-	-	-	-	2	-	
OVIDUCT		U	U	N	N	U	U	
TRACHEA		N	N	N	N	N	N	
ESOPHAGUS		N	N	N	N	N	N	
URINARY BLADDER		N	N	N	N	N	N	
AORTA		N	N	N	N	N	N	
LUNGS		N	N					

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	ANIMAL ID:	69	81	101	112	113	121	STUDY NUMBER: TP-001 GROUP: CONTROL B SEX: FEMALE
LUNGS		N	N					
METAPLASIA, OSSEOUS		-	-	1	1	1	1	
HEART		N	N	N	N	N	N	
SKIN		N	N	N		N	N	
INFLAMMATION, CHRONIC		-	-	-	1	-	-	
MAMMARY GLAND		N	N	N	N			
CYST		-	-	-	-	2	2	
INFLAMMATION- CHRONIC		-	-	-	-	-	1	
SKELETAL MUSCLE		N	N	N	N	N	N	
STOMACH		N		N	N	N	N	
MUCOSA- INFLAMMATION, CHRONIC		-	2	-	-	-	-	
PANCREAS		N	N	N	N	N	N	
DUODENUM		N	N	N	N	N	N	
ILEUM		N	N		N	N	N	
MUCOSA- INFLAMMATION, SUBACUTE		-	-	2	-	-	-	
COLON		N	N	N	N	N	N	
JEJUNUM		N	N	N	N	N	N	
RECTUM		N	N	N	N	N	N	
MESENTERIC LYMPH NODES			N		N	N	N	
HYPERPLASIA, LYMPHOID		1	-	1	-	-	-	
THYMIC AREA		N		N	N	N		
CORTEX- ATROPHY		-	3	-	-	-	3	
SPLEEN								
HEMATOPOIETIC CELL PROLIFERATION		1	1	2	1	2	3	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: CONTROL B
							SEX: FEMALE
ANIMAL ID:	69	81	101	112	113	121	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	2	1	-	-	1	1	
LIVER	N	N	N	N	N	N	
GALLBLADDER ECTOPIC TISSUE, PANCREAS	N	N	P	N	N	P	
EYES CONJUNCTIVA- INFLAMMATION- CHRONIC	-	-	-	II	II	-	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP	STUDY NUMBER: TP-001					
FATE: Scheduled Sacrifice	GROUP: CONTROL B					
	SEX: FEMALE					
ANIMAL ID:	125	131	135	137	138	139
BRAIN	N	N	N	N	N	N
SPINAL CORD	N	N	N	N	N	U
SCIATIC NERVE	N	N	N	N	N	N
THYROID GLANDS	N	N				
C CELL- HYPERPLASIA	-	-	-	II	-	-
CYSTIC FOLLICLES	-	-	-	-	(2)I	-
FOLLICULAR CELL- HYPERPLASIA	-	-	-	-	-	II
INFLAMMATION, SUBACUTE	-	-	1	-	1	-
PARATHYROID GLANDS	N	N	N	N	N	N
ADRENAL GLAND	N	N	N	N	N	N
PITUITARY GLAND	N	N	N	N	N	
PARS NERVOSA- GLIOSIS	-	-	-	-	-	1
KIDNEYS						
MINERALIZATION	II	II	II	1	II	II
OVARIES	N	N	N	N	N	N
UTERUS	N		N			
PIGMENT	-	2	-	2	2	-
OVIDUCT	N	N	U	U	U	U
TRACHEA	N	N	N	N	N	N
ESOPHAGUS	N	N	N	N	N	N
URINARY BLADDER	N	N	N	N	N	N
AORTA	N	N	N	N	N	N
LUNGS					N	N

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:	125	131	135	137	STUDY NUMBER: TP-001	
					GROUP: CONTROL B	SEX: FEMALE
LUNGS					N	N
METAPLASIA, OSSEOUS	1	1	1	1	-	-
HEART	N	N	N	N	N	N
SKIN					N	N
INFLAMMATION, CHRONIC	1	1	-	-	-	-
MAMMARY GLAND					N	N
MINERALIZATION	-	2	-	-	-	-
CYST	2	-	-	-	-	-
INFLAMMATION- CHRONIC ACTIVE	2	-	-	-	-	-
SKELETAL MUSCLE	N	N	N	N	N	N
STOMACH					N	N
EROSION	2	-	-	-	-	-
MUCOSA- INFLAMMATION, CHRONIC	-	-	3	-	-	-
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	2	-	-	-	-	-
MUCOSA- MINERALIZATION	-	-	1	-	-	-
PANCREAS	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N
COLON	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N
RECTUM	N	N		N	N	N
MUCOSA- INFLAMMATION, CHRONIC	-	-	1	-	-	-
MESENTERIC LYMPH NODES					N	N
HYPERPLASIA, LYMPHOID	2	1	-	-	2	1
THYMIC AREA					N	N

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	125	131	135	137	138	139	STUDY NUMBER: TP-001 GROUP: CONTROL B SEX: FEMALE
THYMIC AREA				N	N	N	N
CORTEX- ATROPHY	-	1	-	-	-	-	
HEMORRHAGE	1	-	-	-	-	-	
SPLEEN	N	N					N
HEMATOPOIETIC CELL PROLIFERATION	-	-	1	2	2	-	
SALIVARY GLAND	N	N	N	N	N	N	N
MANDIBULAR LYMPH NODE	U	N			U		
HYPERPLASIA, LYMPHOID	-	-	1	-	1	1	
LIVER		N	N	N	N	N	N
HEMATOPOIETIC CELL PROLIFERATION	1	-	-	-	-	-	
GALLBLADDER	N		N	N	N	N	
ECTOPIC TISSUE, PANCREAS	-	P	-	-	-	-	
HYPERPLASIA, LYMPHOID	-	-	-	-	-	-	1
EYES	N	N	N		N	N	
CONJUNCTIVA- INFLAMMATION- CHRONIC ACT	-	-	-	1	-	-	
FEMUR	N	N	N	N	N	N	N
BONE MARROW, FEMUR	N	N	N	N	N	N	N
NOSE	N	N			N	N	N
MUCOSAL GLANDS- INFLAMMATION, SUBACUTE	-	-	1	-	-	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice							STUDY NUMBER: TP-001
							GROUP: CONTROL B
						SEX: FEMALE	
ANIMAL ID:	142	150	154	155	165	167	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS	N	N	N				
CYSTIC FOLLICLES	-	-	-	11	(1)	-	
INFLAMMATION, SUBACUTE	-	-	-	11	-	-	
MINERALIZATION	-	-	-	-	-	1	
PARATHYROID GLANDS	N	N	U	U	U	N	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND	N	N		N	N	N	
PARS DISTALIS- HYPERPLASIA	-	-	[1]	-	-	-	
KIDNEYS							
CYST	-	-	-	2	-	-	
INTERSTITIUM- INFLAMMATION, CHRONIC	-	-	-	11	-	-	
MINERALIZATION	11	11	11	-	11	11	
OVARIES	N	N	N	N	N	N	
UTERUS	N	N		N	N	N	
PIGMENT	-	-	1	-	-	-	
OVIDUCT	U	N			U	U	
DILATATION	-	-	4	4	-	-	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
INFLAMMATION, SUBACUTE	-	-	-	-	-	1	
URINARY BLADDER	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP
 FATE: Scheduled Sacrifice

STUDY NUMBER: TP-001
 GROUP: CONTROL B
 SEX: FEMALE

ANIMAL ID:	142	150	154	155	165	167
AORTA	N	N	N	N	N	N
LUNGS	N		N	N	N	
INTERSTITIUM- INFLAMMATION, SUBACUTE	-	1	-	-	-	-
METAPLASIA, OSSEOUS	-	-	-	-	-	1
HEART	N	N	N	N	N	N
SKIN	N					N
INFLAMMATION, CHRONIC	-	1	1	1	1	-
MAMMARY GLAND	N			N		N
CYST	-	-	2	-	2	-
INFLAMMATION- CHRONIC	-	1	1	-	-	-
SKELETAL MUSCLE	N	N	N	N	N	N
STOMACH	N	N	N	N	N	N
PANCREAS	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N
COLON	N	N	N	N	N	N
JEJUNUM	N	N	N	N		N
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	1	-
RECTUM	N	N	N	N	N	N
MESENTERIC LYMPH NODES						N
HYPERPLASIA, LYMPHOID	1	1	1	2	1	-
THYMIC AREA	N		N			
CORTEX- ATROPHY	-	2	-	-	2	-
HEMORRHAGE	-	-	-	1	-	1

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	ANIMAL ID:	142	150	154	155	165	167	STUDY NUMBER: TP-001 GROUP: CONTROL B SEX: FEMALE
SPLEEN		N	N	N				
HEMATOPOIETIC CELL PROLIFERATION		-	-	-	1	1	2	
SALIVARY GLAND		N	N	N	N	N	N	
MANDIBULAR LYMPH NODE				U				
HYPERPLASIA, LYMPHOID		1	2	-	2	1	2	
LIVER			N	N	N			
BILE DUCT- HYPERPLASIA		-	-	-	-	-	1	
HEMATOPOIETIC CELL PROLIFERATION		-	-	-	-	-	1	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC		-	-	-	-	-	2	
INFLAMMATION, SUBACUTE		1	-	-	-	-	-	
INFLAMMATION, CHRONIC		-	-	-	-	1	-	
GALLBLADDER		N	N			N		
ECTOPIC TISSUE, PANCREAS		-	-	-	P	-	P	
INFLAMMATION, CHRONIC		-	-	2	-	-	-	
EYES			N	N	N	N	N	
CONJUNCTIVA- INFLAMMATION- CHRONIC		1	-	-	-	-	-	
FEMUR		N	N	N	N	N	N	
BONE MARROW, FEMUR		N	N	N	N	N	N	
NOSE		N		N	N	N	N	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC		-	1	-	-	-	-	
GINGIVA								
INFLAMMATION- CHRONIC		-	-	-	1	-	-	
PANCREATIC LYMPH NODE								
HYPERPLASIA, LYMPHOID		-	-	-	-	-	2	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP				STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice				GROUP: CONTROL B
				SEX: FEMALE
ANIMAL ID:	172	182	206	208
BRAIN	N	N	N	N
SPINAL CORD	N	N	N	N
SCIATIC NERVE	N	N	N	N
THYROID GLANDS C CELL- HYPERPLASIA	-	-	II	II
PARATHYROID GLANDS	N	N	N	N
ADRENAL GLAND	N	N	N	N
PITUITARY GLAND	N	N	N	N
KIDNEYS MINERALIZATION	II	II	II	II
OVARIES	N	N	N	N
UTERUS	N	N	N	N
OVIDUCT	N	N	U	N
TRACHEA	N	N	N	N
ESOPHAGUS	N	N	N	N
URINARY BLADDER	N	N	N	N
AORTA	N	N	N	N
LUNGS METAPLASIA, OSSEOUS	-	1	-	-
HEART	N	N	N	N
SKIN	N	N	N	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP					STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice					GROUP: CONTROL B SEX: FEMALE
ANIMAL ID:	172	182	206	208	
Skin	N	N	N		
INFLAMMATION, CHRONIC	-	-	-	1	
MAMMARY GLAND	N		N		
MINERALIZATION	-	3	-	-	
INFLAMMATION- CHRONIC ACTIVE	-	-	-	1	
SKELETAL MUSCLE	N	N	N		
DEGENERATION	-	-	-	1	
INFLAMMATION, SUBACUTE	-	-	-	1	
STOMACH	N				
MUCOSA- INFLAMMATION, SUBACUTE	-	-	1	-	
MUCOSA- INFLAMMATION, CHRONIC	-	1	-	2	
MUCOSA- MINERALIZATION	-	1	-	-	
PANCREAS	N	N	N	N	
DUODENUM	N	N	N	N	
ILEUM	N	N	N	N	
COLON	N	N	N	N	
JEJUNUM	N	N	N	N	
RECTUM		N	N	N	
MUCOSA- INFLAMMATION, CHRONIC	2	-	-	-	
MESENTERIC LYMPH NODES				N	
DEGENERATION, CYSTIC	-	-	2	-	
HYPERPLASIA, LYMPHOID	1	1	2	-	
THYMIC AREA	N	N	N		
CORTEX- ATROPHY	-	-	-	1	
SPLEEN		N			
HEMATOPOIETIC CELL PROLIFERATION	2	-	1	1	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP				STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice				GROUP: CONTROL B
				SEX: FEMALE
ANIMAL ID:	172	182	206	208
SALIVARY GLAND	N	N	N	N
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	1	2	-	2
LIVER	.	N	N	N
BILE DUCT- HYPERPLASIA	1	-	-	-
HEMATOPOIETIC CELL PROLIFERATION	1	-	-	-
INFLAMMATION, CHRONIC	1	-	-	-
GALLBLADDER	N	N		N
ECTOPIC TISSUE, PANCREAS	-	-	1	-
EYES	N	N	N	N
FEMUR	N	N	N	N
BONE MARROW, FEMUR	N	N	N	N
NOSE		N	N	N
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC ACTIVE	1	-	-	-

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 150 ppm
							SEX: FEMALE
ANIMAL ID:	1	5	6	10	11	26	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS	N	N			N		
C CELL- HYPERPLASIA	-	-	1	-	-	-	
CYSTIC FOLLICLES	-	-	II	-	-	-	
INFLAMMATION, SUBACUTE	-	-	-	II	-	-	
INFLAMMATION, CHRONIC	-	-	-	-	-	II	
PARATHYROID GLANDS	N	N	N	N	N	N	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND	N	N		N	N	N	
PARS DISTALIS- HYPERPLASIA	-	-	(2)	-	-	-	
KIDNEYS	N						
INTERSTITIUM- INFLAMMATION, CHRONIC	-	-	-	1	-	-	
MINERALIZATION	-	II	II	II	II	II	
OVARIES	N	N	N	N	N	N	
UTERUS		N	N		N	N	
LUMEN- EXUDATE	-	-	-	1	-	-	
PIGMENT	1	-	-	-	-	-	
OVIDUCT	N	N	N	N	U	N	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 150 ppm
<hr/>							
ANIMAL ID:	1	5	6	10	11	26	
LUNGS				N	N		
FOREIGN BODY	1	-	-	-	-	-	
INTERSTITIUM- INFLAMMATION, CHRONIC	-	-	2	-	-	-	
METAPLASIA, OSSEOUS	1	1	1	-	-	1	
HEART	N	N	N	N	N	N	N
SKIN		N	N		N	N	
INFLAMMATION, CHRONIC	1	-	-	1	-	-	
MAMMARY GLAND				N			
MINERALIZATION	-	-	2	-	-	-	
CYST	1	2	-	-	1	2	
SKELETAL MUSCLE	N	N	N	N	N	N	N
STOMACH	N		N	N	N	N	N
MUCOSA- INFLAMMATION, CHRONIC	-	2	-	-	-	-	
PANCREAS	N	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N	N
COLON	N	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N	N
RECTUM	N	N	N	N	N	N	N
MESENTERIC LYMPH NODES		N				N	
HYPERPLASIA, LYMPHOID	-	1	-	1	1	2	-
THYMIC AREA		N		N	N		
CORTEX- ATROPHY	1	-	1	-	-	-	
HEMORRHAGE	-	-	-	-	-	1	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 150 ppm
							SEX: FEMALE
ANIMAL ID:	1	5	6	10	11	26	
SPLEEN	N						
HEMATOPOIETIC CELL PROLIFERATION	-	2	1	1	1	2	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE	N			U		U	
HYPERPLASIA, LYMPHOID	-	2	-	2	-	1	
LIVER	N	N	N	N	N	N	
GALLBLADDER	N	N	U	N	N	N	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N		N	N	
BONE- INFLAMMATION, CHRONIC	-	-	-	2	-	-	
MUCOSAL GLANDS- INFLAMMATION, CHRONIC	-	-	-	1	-	-	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP	STUDY NUMBER: TP-001					
FATE: Scheduled Sacrifice	GROUP: 150 ppm					
	SEX: FEMALE					
ANIMAL ID:	46	47	100	120	122	123
BRAIN	N	N	N	N	N	N
SPINAL CORD	N	N	N	N	N	N
SCIATIC NERVE	N	N	N	N	N	N
THYROID GLANDS CYSTIC FOLLICLES	N	N	N	-	N	1
PARATHYROID GLANDS	N	U	N	U	N	N
ADRENAL GLAND	N	N	N	N	N	N
PITUITARY GLAND	N	N	N	N	N	N
KIDNEYS MINERALIZATION	II	II	II	II	-	1
PELVIS- INFLAMMATION, CHRONIC	-	1	-	-	-	-
OVARIES	N	N	N	N	N	N
UTERUS	N	N	N	N	N	N
OVIDUCT	N	U	N	U	N	N
TRACHEA	N	N	N	N	N	N
ESOPHAGUS	N	N	N	N	N	N
URINARY BLADDER	N	N	N	N	N	N
AORTA	N	N	N	N	N	N
LUNGS INTERSTITIUM- INFLAMMATION, CHRONIC	N	-	-	-	1	-
METAPLASIA, OSSEOUS	-	1	1	1	-	-
HEART	N	N	N	N	N	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:	46	47	100	120	122	123	STUDY NUMBER: TP-001
							GROUP: 150 ppm
STUDY ID : DIMP	FATE: Scheduled Sacrifice						SEX: FEMALE
SKIN							
INFLAMMATION, CHRONIC	-	-	-	1	-	-	
MAMMARY GLAND							
MINERALIZATION	-	-	-	1	-	-	
CYST	2	2	2	-	2	2	
INFLAMMATION- CHRONIC	-	-	-	1	-	-	
SKELETAL MUSCLE							
STOMACH							N
MUCOSA- INFLAMMATION, CHRONIC	3	-	-	1	2	-	
MUCOSA- MINERALIZATION	1	-	-	-	-	-	
PANCREAS							
DUODENUM							
ILEUM							
COLON							
JEJUNUM							N
MUCOSA- INFLAMMATION, SUBACUTE	-	-	-	-	2	-	
RECTUM							
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	1	-	-	
MESENTERIC LYMPH NODES							
HYPERPLASIA, LYMPHOID	1	1	2	1	1	2	
THYMIC AREA							
CORTEX- ATROPHY	2	-	-	-	2	-	
SPLEEN							
HEMATOPOIETIC CELL PROLIFERATION	2	2	2	-	1	-	
SALIVARY GLAND							

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 150 ppm
							SEX: FEMALE
ANIMAL ID:	46	47	100	120	122	123	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	2	1	2	-	3	2	U
LIVER	N	N	N	N	N	N	N
GALLBLADDER ECTOPIC TISSUE, PANCREAS	-	P	-	-	P	-	N
EYES	N	N	N	N	N	N	N
FEMUR	N	N	N	N	N	N	N
BONE MARROW, FEMUR	N	N	N	N	N	N	N
NOSE NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	1	-	1	-	-	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP-001 GROUP: 150 ppm SEX: FEMALE
	126	128	129	140	148	152	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS CYSTIC FOLLICLES	N	N	11	N	N	11	
PARATHYROID GLANDS	N	N	N	N	N	N	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND	N	N	N	N	N	N	
KIDNEYS MINERALIZATION	11	11	11	11	11	11	
OVARIES	N	N	N	N	N	N	
UTERUS ATROPHY	N	-	-	N	4	-	
ARTERY- HYPERTROPHY	-	-	3	-	-	-	
ENDOMETRIUM- INFLAMMATION, CHRONIC PIGMENT	-	2	-	-	-	-	
OVIDUCT	N	N	U	U	U	U	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	
LUNGS INTERSTITIUM- INFLAMMATION, SUBACUTE	-	1	-	-	-	-	N

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:	126	128	129	140	148	152	STUDY NUMBER: TP-001
							GROUP: 150 ppm
STUDY ID : DIMP	FATE: Scheduled Sacrifice						SEX: FEMALE
LUNGS							N
METAPLASIA, OSSEOUS	1	-	1	1	1	-	
HEART	N	N	N	N	N	N	
SKIN	N		N	N	N	N	
INFLAMMATION, CHRONIC	-	1	-	-	-	-	
MAMMARY GLAND							N
MINERALIZATION	-	3	-	-	-	-	
CYST	2	-	1	3	-	-	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH	N	N	N	N	N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	-	-	2
MUCOSA- MINERALIZATION	-	-	-	-	-	-	1
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON	N	N	N	N	N	N	
JEJUNUM	N	N	N	N	N	N	
RECTUM	N	N					N
MUCOSA- INFLAMMATION, CHRONIC	-	-	1	1	1	-	
MUCOSA- MINERALIZATION	-	-	1	-	-	-	
MESENTERIC LYMPH NODES							
HYPERPLASIA, LYMPHOID	1	2	1	1	1	1	
THYMIC AREA	N	N	N		N		
CORTEX- ATROPHY	-	-	-	2	-	-	
HEMORRHAGE	-	-	-	-	-	1	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 150 ppm
							SEX: FEMALE
ANIMAL ID:	126	128	129	140	148	152	
SPLEEN			N	N			
HEMATOPOIETIC CELL PROLIFERATION	1	1	-	-	2	1	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE	U		N		U		
HYPERPLASIA, LYMPHOID	-	2	-	2	-	2	
LIVER	N	N		N			
BILE DUCT- HYPERPLASIA	-	-	1	-	1	-	
HEMATOPOIETIC CELL PROLIFERATION	-	-	-	-	2	-	
INFLAMMATION, CHRONIC	-	-	-	-	-	1	
GALLBLADDER	N		N		N	N	
ECTOPIC TISSUE, PANCREAS	-	P	-	P	-	-	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N		N	
SYNOVIA- INFLAMMATION, CHRONIC	-	-	-	-	1	-	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N	N	N		
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	-	-	-	-	-	1	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:	153	157	159	175	176	177	STUDY NUMBER: TP-001
							GROUP: 150 ppm
STUDY ID : DIMP FATE: Scheduled Sacrifice							SEX: FEMALE
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS	N	N	N				N
CYSTIC FOLLICLES	-	-	-	1	2	-	
INFLAMMATION, CHRONIC	-	-	-	2I	-	-	
PARATHYROID GLANDS	N	U	N	N	N	N	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND	N	N	N	N	N	N	
KIDNEYS							
CORTEX- INFLAMMATION, CHRONIC	-	-	-	-	II	-	
INTERSTITIUM- INFLAMMATION, CHRONIC	-	-	2	-	-	-	
MINERALIZATION	II	II	II	II	-	II	
OVARIES	N	N	N	N	N	N	
UTERUS	N	N	N		N	N	
PIGMENT	-	-	-	1	-	-	
OVIDUCT	N	N	N	U	U	U	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	
LUNGS							
METAPLASIA, OSSEOUS	1	1	-	-	-	1	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP-001	GROUP: 150 ppm	SEX: FEMALE
	153	157	159	175	176	177			
HEART	N	N	N	N	N	N			
SKIN	N	N	N	N	N	N			
MAMMARY GLAND CYST	N	-	1	2	-	-		2	
SKELETAL MUSCLE	N	N	N	N	N	N			
STOMACH	N	N	N	N	N	N			
PANCREAS	N	N	N	N	N	N			
DUODENUM	N	N	N	N	N	N			
ILEUM	N	N	N	N	N	N			
COLON	N	N	N	N	N	N			
JEJUNUM	N	N	N	N	N	N			
RECTUM	N	U	N	N	N	N			
MESENTERIC LYMPH NODES HYPERPLASIA, LYMPHOID	N	-	1	1	1	1			
THYMIC AREA CORTEX- ATROPHY HEMORRHAGE		1	-	-	N	N			
SPLEEN HEMATOPOIETIC CELL PROLIFERATION	2	1	2	1	-	N		1	
SALIVARY GLAND	N	N	N	N	N	N			
MANDIBULAR LYMPH NODE HEMORRHAGE HYPERPLASIA, LYMPHOID	N	-	1	-	N	-			
	-	1	1	-	2	-			

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP-001 GROUP: 150 ppm SEX: FEMALE
	153	157	159	175	176	177	
LIVER	N	N			N	N	
BILE DUCT- HYPERPLASIA	-	-	1	1	-	-	
GALLBLADDER	N	N	N	N	N		
ECTOPIC TISSUE, PANCREAS	-	-	-	-	-	P	
EYES	N	N	N	N	N		
CONJUNCTIVA- INFLAMMATION- CHRONIC	-	-	-	-	-	2	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N	N	N	N	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	-	-	-	1	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP-001
	178	191	195	198	203	207	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS			N	N		N	
CYSTIC FOLLICLES	II	-	-	-	-	-	II
INFLAMMATION, SUBACUTE	-	-	-	1	-	-	-
INFLAMMATION, CHRONIC	-	-	-	-	-	-	II
PARATHYROID GLANDS	N	U	N	U	N	N	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND	N	N	N	N	N	N	
PARS DISTALIS- HYPERPLASIA	-	-	-	-	-	-	<2>
KIDNEYS							
MINERALIZATION	II						
RENAL TUBULE- DEGENERATION	-	-	-	-	-	-	1
OVARIES	N	N		N	N	N	
CONGESTION	-	-	II	-	-	-	-
UTERUS							
ATROPHY	-	-	2	-	-	-	-
PIGMENT	1	-	-	-	-	-	-
OVIDUCT	U	N	U	U	U	N	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:	178	191	195	198	STUDY NUMBER: TP-001	
					GROUP: 150 ppm	SEX: FEMALE
LUNGS		N	N		N	N
METAPLASIA, OSSEOUS	1	-	-	1	-	-
HEART	N	N	N	N	N	N
SKIN	N	N	U	N	N	N
MAMMARY GLAND		N	U			
CYST	1	-	-	2	2	-
SKELETAL MUSCLE	N	N	N	N	N	N
STOMACH	N	N	N	N	N	N
PANCREAS	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N
COLON	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N
RECTUM	N	N	N	N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	-	1
MESENTERIC LYMPH NODES	N					
DEGENERATION, CYSTIC	-	-	2	-	-	-
HYPERPLASIA, LYMPHOID	-	1	1	1	1	1
THYMIC AREA	N	N		N	N	N
CORTEX- ATROPHY	-	-	2	-	-	-
SPLEEN			N			
HEMATOPOIETIC CELL PROLIFERATION	1	2	-	2	2	1
SALIVARY GLAND	N	N	N	N	N	N

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 150 ppm
<hr/>							SEX: FEMALE
ANIMAL ID:	178	191	195	198	203	207	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	2	-	1	-	2	-	U
LIVER INFLAMMATION, SUBACUTE	N	N	N	-	N	N	
GALLBLADDER ECTOPIC TISSUE, PANCREAS	-	-	-	P	P	-	N
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP				STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice				GROUP: 150 ppm
				SEX: FEMALE
ANIMAL ID:	215	216	217	
BRAIN	N	N	N	
SPINAL CORD	N	N	N	
SCIATIC NERVE	N	N	N	
THYROID GLANDS INFLAMMATION, SUBACUTE	N	1	N	
PARATHYROID GLANDS	N	U	N	
ADRENAL GLAND	N	N	N	
PITUITARY GLAND PARS DISTALIS- HYPERPLASIA	<2>	N	N	
KIDNEYS MINERALIZATION	11	11	11	
RENAL TUBULE- DEGENERATION	-	-	1	
OVARIES	N	N	N	
UTERUS	N	N	N	
OVIDUCT	U	N	N	
TRACHEA	N	N	N	
ESOPHAGUS	N	N	N	
URINARY BLADDER	N	N	N	
AORTA	N	N	N	
LUNGS INTERSTITIUM- INFLAMMATION, CHRONIC METAPLASIA, OSSEOUS	1	1	-	
	-	-	1	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP				STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice				GROUP: 150 ppm
				SEX: FEMALE
ANIMAL ID:	215	216	217	
HEART	N	N	N	
SKIN INFLAMMATION, CHRONIC	1	1	-	
MAMMARY GLAND CYST	-	1	2	
SKELETAL MUSCLE	N	N	N	
STOMACH MUCOSA- INFLAMMATION, CHRONIC	1	-	-	
PANCREAS	N	N	N	
DUODENUM	N	N	N	
ILEUM	N	N	N	
COLON	N	N	N	
JEJUNUM	N	N	N	
RECTUM	N	N	N	
MESENTERIC LYMPH NODES HYPERPLASIA, LYMPHOID	1	2	1	
THYMIC AREA CORTEX- ATROPHY	1	-	-	
SPLEEN HEMATOPOIETIC CELL PROLIFERATION	1	2	2	
SALIVARY GLAND	N	N	N	
HANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	2	2	2	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP
FATE: Scheduled Sacrifice

STUDY NUMBER: TP-001
GROUP: 150 ppm
SEX: FEMALE

ANIMAL ID:	215	216	217
LIVER	N	N	
INFLAMMATION, CHRONIC	-	-	1
GALLBLADDER	N		N
INFLAMMATION, CHRONIC	-	2	-
EYES	N	N	N
FEMUR	N	N	N
BONE MARROW, FEMUR	N	N	N
NOSE	N	N	
MUCOSAL GLANDS- INFLAMMATION, CHRONIC	-	-	2

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP-001 GROUP: 450 ppm SEX: FEMALE
	2	3	7	13	17	20	
BRAIN	N			N	N	N	
CEREBELLUM-NECROSIS	-	1	-	-	-	-	
CEREBRUM- MINERALIZATION	-	-	1	-	-	-	
THALAMUS- NECROSIS	-	21	-	-	-	-	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS	N	N	N	N	N	N	
PARATHYROID GLANDS	N	U		U	N	N	
CYST	-	-	2	-	-	-	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND	N	N	N	N	N	N	
KIDNEYS					N		
INTERSTITIUM- INFLAMMATION, CHRONIC	-	11	-	-	-	-	
METAPLASIA OSSEOUS	-	-	1	-	-	-	
MINERALIZATION	11	21	-	11	-	11	
PELVIS- INFLAMMATION, CHRONIC	-	-	1	-	-	-	
OVARIES	N	N	N	N	N	N	
UTERUS	N	N	N		N		
ENDOMETRIUM- INFLAMMATION, CHRONIC	-	-	-	-	-	1	
PIGMENT	-	-	-	1	-	2	
OVIDUCT	U	N	U	N	U	N	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 450 ppm
							SEX: FEMALE
ANIMAL ID:	2	3	7	13	17	20	
AORTA	N	N	N	N	N	N	
LUNGS					N		
INTERSTITIUM- INFLAMMATION, SUBACUTE	1	1	-	-	-	-	
INTERSTITIUM- INFLAMMATION, CHRONIC	-	-	1	-	-	-	
METAPLASIA, OSSEOUS	-	-	-	-	1	1	
HEART	N	N	N	N	N	N	
SKIN	N	N	N	N	N	N	
MAMMARY GLAND			N		N		N
MINERALIZATION	-	-	2	-	2	-	
CYST	-	-	1	-	1	-	
INFLAMMATION- CHRONIC	1	-	-	-	-	-	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH	N	N		N	N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	-	3	-	-	-	
MUCOSA- MINERALIZATION	-	-	1	-	-	-	
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON			N	N	N	N	N
MUCOSA- INFLAMMATION, CHRONIC	1	-	-	-	-	-	
JEJUNUM	N	N	N	N	N	N	
RECTUM	N	N		2	1	N	N
MUCOSA- INFLAMMATION, CHRONIC	-	-		1	-	-	
MESENTERIC LYMPH NODES	N					1	
HEMORRHAGE	-	-	-	-	-	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 450 ppm
	2	3	7	13	17	20	SEX: FEMALE
ANIMAL ID:							
MESENTERIC LYMPH NODES	N						
HYPERPLASIA, LYMPHOID	-	1	2	1	1	1	
THYMIC AREA		N	N		N		
Cortex- Atrophy	2	-	-	2	-	1	
SPLEEN	N						
HEMATOPOIETIC CELL PROLIFERATION	-	2	1	1	3	-	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE					N	U	
HEMORRHAGE	-	-	1	-	-	-	
HYPERPLASIA, LYMPHOID	1	2	2	1	-	-	
LIVER	N		N		N	N	
HEMATOPOIETIC CELL PROLIFERATION	-	1	-	-	-	-	
INFLAMMATION, CHRONIC ACTIVE	-	-	-	2	-	-	
GALLBLADDER	N	N	N	N	N		
ECTOPIC TISSUE, PANCREAS	-	-	-	-	-	P	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N		N	N	
BONE- INFLAMMATION, CHRONIC	-	-	-	2	-	-	
MESENTERY	N						

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 450 ppm
							SEX: FEMALE
ANIMAL ID:	24	25	28	31	33	38	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS	N	N	N	N	N	N	
PARATHYROID GLANDS	N	N	N	N	N	U	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND	N	N	N	N	N	N	
KIDNEYS							
INTERSTITIUM- INFLAMMATION, CHRONIC	1	-	-	-	-	-	
MINERALIZATION	11	11	11	11	11	11	
OVARIES	N	N	N	N	N	N	
UTERUS							
PIGMENT	2	-	-	-	-	-	
OVIDUCT	N	N	U	N	N	N	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	
LUNGS							
INTERSTITIUM- INFLAMMATION, SUBACUTE	-	-	-	-	1	-	
INTERSTITIUM- INFLAMMATION, CHRONIC	1	-	-	-	-	-	
METAPLASIA, OSSEOUS	-	-	1	1	-	1	
PLEURA- INFLAMMATION, CHRONIC	-	2	-	-	-	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 450 ppm
							SEX: FEMALE
ANIMAL ID:	24	25	28	31	33	38	
HEART	N	N	N	N	N	N	N
SKIN			N				N
EPIDERMIS- HYPERPLASIA	1	-	-	-	-	-	-
HAIR FOLLICLE- ATROPHY	2	-	-	-	-	-	-
INFLAMMATION, CHRONIC	2	1	-	1	1	-	-
MAMMARY GLAND			N				N
MINERALIZATION	-	3	-	-	2	-	-
CYST	-	-	-	2	2	-	-
INFLAMMATION- CHRONIC	2	-	-	1	-	-	-
SKELETAL MUSCLE	N	N	N	N	N	N	N
STOMACH	N	N			N	N	N
MUCOSA- INFLAMMATION, CHRONIC	-	-	1	-	-	-	-
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	-	-	-	3	-	-	-
PANCREAS	N	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N	N
COLON	N	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N	N
RECTUM	N	N	N				N
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	1	2	-	-
MESENTERIC LYMPH NODES	N						
HYPERPLASIA, LYMPHOID	-	1	1	1	2	1	
THYMIC AREA	N						
CORTEX- ATROPHY	-	1	2	3	1	1	
HEMORRHAGE	-	-	-	-	1	-	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 450 ppm
							SEX: FEMALE
ANIMAL ID:	24	25	28	31	33	38	
SPLEEN				N			
HEMATOPOIETIC CELL PROLIFERATION	1	2	2	-	2	2	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE	U			U			
HYPERPLASIA, LYMPHOID	-	1	2	-	2	3	
LIVER				N	N		N
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	-	1	-	-	-	-	
INFLAMMATION, SUBACUTE	-	-	-	-	1	-	
NECROSIS	<2>	-	-	-	-	-	
GALLBLADDER	N	N		N	N	N	
ECTOPIC TISSUE, PANCREAS	-	-	P	-	-	-	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 450 ppm
							SEX: FEMALE
ANIMAL ID:	73	75	77	102	105	109	
BRAIN	N	N	N	N	N	N	N
SPINAL CORD	N	N	N	N	N	N	N
SCIATIC NERVE	N	N	N	N	N	N	N
THYROID GLANDS				N	N		N
CYSTIC FOLLICLES	11	-	-	-	-	-	-
INFLAMMATION, CHRONIC	-	2	-	-	11	-	-
PARATHYROID GLANDS	U	N	N	N	N	U	
ADRENAL GLAND	N	N	N	N	N	N	N
PITUITARY GLAND	N	N	N	N	N		
PARS DISTALIS- HYPERPLASIA	-	-	-	-	-	(1)	
KIDNEYS							
MINERALIZATION	11	11	11	11	11	11	
OVARIES							
HEMORRHAGE	2	-	-	-	-	-	-
UTERUS	N	N	1	N	1	N	
PIGMENT	-	-	1	-	1	-	
OVIDUCT	U	N	U	U	U	N	
TRACHEA	N	N	N	N	N	N	N
ESOPHAGUS	N	N	N	N	N	N	N
URINARY BLADDER	N	N		N	N	N	
INFLAMMATION, CHRONIC	-	-	2	-	-	-	
AORTA	N	N	N	N	N	N	N
LUNGS	N		N			N	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:	73	75	77	102	105	109	STUDY NUMBER: TP-001
							GROUP: 450 ppm
STUDY ID : DIMP	FATE: Scheduled Sacrifice						SEX: FEMALE
LUNGS	N		N				N
INTERSTITIUM- INFLAMMATION, SUBACUTE	-	-	-	1	-	-	
METAPLASIA, OSSEOUS	-	1	-	-	1	-	
HEART	N	N	N	N			N
EPICARDIUM- FAT DEPOSIT	-	-	-	-	1	-	
SKIN	N	N				N	N
INFLAMMATION, CHRONIC	-	-	1	1	-	-	
MAMMARY GLAND	N	N					
MINERALIZATION	-	-	-	3	-	-	
CYST	-	-	2	-	3	2	
INFLAMMATION- CHRONIC	-	-	1	-	-	1	
SKELETAL MUSCLE	N	N	N	N	N	N	N
STOMACH	N	N					
MUCOSA- INFLAMMATION, CHRONIC	-	-	1	2	3	2	
MUCOSA- MINERALIZATION	-	-	-	1	1	1	
PANCREAS	N	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N	N
COLON	N	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N	N
RECTUM	N	N	N		N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	1	-	-	
MESENTERIC LYMPH NODES	N						
HEMORRHAGE	-	-	-	-	1	-	
HYPERPLASIA, LYMPHOID	-	1	1	1	1	1	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 450 ppm
							SEX: FEMALE
ANIMAL ID:	73	75	77	102	105	109	
THYMIC AREA		N	N		N		
CORTEX- ATROPHY	2	-	-	1	-		4
SPLEEN	N				N	N	
HEMATOPOIETIC CELL PROLIFERATION	-	1	1	1	-	-	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE							U
HEMORRHAGE	-	2	-	-	-	-	
HYPERPLASIA, LYMPHOID	2	2	1	1	1	-	
LIVER	N		N	N	N	N	
PIGMENT	-	2	-	-	-	-	
GALLBLADDER	N	N	N	N		N	
ECTOPIC TISSUE, PANCREAS	-	-	-	-	P	-	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N	N		N	
MUCOSAL GLANDS- INFLAMMATION, CHRONIC	-	-	-	-	2	-	
MESENTERY	-	-	-	-	-	-	
FAT- NECROSIS						3	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP-001 GROUP: 450 ppm SEX: FEMALE
	110	118	119	133	141	145	
BRAIN	N		N	N	N	N	
CHOROID PLEXUS- INFLAMMATION, CHRONIC	-	1	-	-	-	-	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS	N	N	N	N	N	N	
INFLAMMATION, SUBACUTE	-	-	-	-	-	-	1
PARATHYROID GLANDS	N	U	N	U	N	U	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND	N	N	N	N			N
PARS DISTALIS- HYPERPLASIA	-	-	-	-	(2)		-
KIDNEYS	N			N			
MINERALIZATION	-	11	11	-	11	11	
OVARIES	N	N	N	N	N	N	
UTERUS	N	N	N	N			N
ENDOMETRIUM- INFLAMMATION, CHRONIC	-	-	-	-	2		-
OVIDUCT	N	N	N	N	U	U	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	
LUNGS	N				N		
METAPLASIA, OSSEOUS	-	1	1	1	-	1	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP-001	GROUP: 450 ppm	SEX: FEMALE
	110	118	119	133	141	145			
HEART	N	N	N	N	N	N			
SKIN			N		N	N			
HAIR FOLLICLE- ATROPHY	2	-	-	-	-	-			
INFLAMMATION, CHRONIC	-	1	-	1	-	-			
MAMMARY GLAND			N			N			
MINERALIZATION	1	-	-	2	2	-			
CYST	3	1	-	-	-	-			
INFLAMMATION- CHRONIC	-	1	-	-	-	-			
INFLAMMATION- CHRONIC ACTIVE	1	-	-	-	-	-			
SKELETAL MUSCLE	N	N	N	N	N	N			
STOMACH	N	N	N	N	N	N			
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	-	2			
PANCREAS	N	N	N	N	N	N			
DUODENUM	N	N	N	N	N	N			
ILEUM	N	N	N	N	N	N			
COLON	N	N	N	N	N	N			
JEJUNUM	N	N	N	N	N	N			
RECTUM			N	N	N	N			
MUCOSA- INFLAMMATION, CHRONIC	1	-	-	-	-	-			
MESENTERIC LYMPH NODES									
HYPERPLASIA, LYMPHOID	1	1	1	1	1	-			
THYMIC AREA	N								
CORTEX- ATROPHY	-	-	1	1	3	-			
HEMORRHAGE	-	4	-	-	-	-			
INFLAMMATION, CHRONIC	-	-	-	-	3	-			

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 450 ppm
							SEX: FEMALE
ANIMAL ID:	110	118	119	133	141	145	
SPLEEN			N				
HEMATOPOIETIC CELL PROLIFERATION	1	1	-	1	2	1	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE	U	U	U				
HYPERPLASIA, LYMPHOID	-	-	-	1	1	2	
LIVER	N	N	N	N			
BILE DUCT- HYPERPLASIA	-	-	-	-	2	-	
HEMATOPOIETIC CELL PROLIFERATION	-	-	-	-	1	1	
INFLAMMATION, SUBACUTE	-	-	-	-	1	-	
GALLBLADDER	N	N	N	N	N	N	
EYES			N		N	N	
CONJUNCTIVA- INFLAMMATION- CHRONIC	2	-	1	-	-	-	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N		N		N	
BONE- INFLAMMATION, CHRONIC	-	-	-	-	2	-	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	-	2	-	-	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP-001	GROUP: 450 ppm	SEX: FEMALE
	151	161	169	190	200	205			
BRAIN	N	N	N	N	N	N			
SPINAL CORD	N	N	N	N	N	N			
SCIATIC NERVE	N	N	N	N	N	N			
THYROID GLANDS CYSTIC FOLLICLES	N	N	-	II	-	-		2I	
PARATHYROID GLANDS CYST	N	U	N	-	1	-	N	N	
ADRENAL GLAND	N	N	N	N	N	N			
PITUITARY GLAND PARS DISTALIS- HYPERPLASIA	N	N	N	(1)	-	-	N	N	
KIDNEYS									
INTERSTITIUM- INFLAMMATION, CHRONIC	-	<2>I	-	-	-	-			
MINERALIZATION	II	II	II	II	II	II		2I	
RENAL TUBULE- DEGENERATION	-	-	-	2I	-	-			
OVARIES	N	N	N	N	N	N			
UTERUS	N	N	N	N	N	N			
OVIDUCT	N	N	N	N	N	U		U	
TRACHEA	N	N	N	N	N	N			
ESOPHAGUS	N	N	N	N	N	N			
URINARY BLADDER	N	N	N	N	N	N			
AORTA	N	N	N	N	N	N			
LUNGS									
INTERSTITIUM- INFLAMMATION, CHRONIC ACTIVE	-	2	-	-	-	-			

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 450 ppm
							SEX: FEMALE
ANIMAL ID:	151	161	169	190	200	205	
LUNGS							
METAPLASIA, OSSEOUS	1	-	-	1	-	-	
HEART	N	N	N	N	N	N	N
SKIN							
INFLAMMATION, CHRONIC	1	1	1	1	-	-	
MAMMARY GLAND							
CYST	-	-	-	1	-	3	
INFLAMMATION- CHRONIC	1	-	-	-	-	-	
INFLAMMATION- CHRONIC ACTIVE	-	-	-	-	-	2	
SKELETAL MUSCLE	N	N	N	N	N	N	N
STOMACH							
MUCOSA- INFLAMMATION, CHRONIC	3	3	2	1	-	-	
MUCOSA- MINERALIZATION	-	1	-	-	-	-	
PANCREAS	N	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N	N
COLON	N	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N	N
RECTUM	N	N					
MUCOSA- INFLAMMATION, CHRONIC	-	-	1	-	-	-	
MESENTERIC LYMPH NODES							
HYPERPLASIA, LYMPHOID	2	1	1	1	2	1	
THYMIC AREA	N						
Cortex- ATROPHY	-	-	1	1	-	-	
HEMORRHAGE	-	1	-	-	-	-	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 450 ppm
							SEX: FEMALE
ANIMAL ID:	151	161	169	190	200	205	
SPLEEN							
HEMATOPOIETIC CELL PROLIFERATION	1	2	3	2	1	2	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE							
HYPERPLASIA, LYMPHOID	1	-	-	1	1	1	
LIVER							
BILE DUCT- HYPERPLASIA	2	-	-	-	-	1	
GALLBLADDER							
ECTOPIC TISSUE, PANCREAS	P	-	-	-	-	P	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE							
MUCOSA- INFLAMMATION, CHRONIC	2	-	-	-	-	-	
MUCOSAL GLANDS- INFLAMMATION, CHRONIC	-	-	-	-	1	-	
TOOTH							
ABSCESS	-	-	-	4	-	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP				STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice				GROUP: 450 ppm
				SEX: FEMALE
ANIMAL ID:	211	214	218	
BRAIN	N	N	N	
SPINAL CORD	N	N	N	
SCIATIC NERVE	N	N	N	
THYROID GLANDS INFLAMMATION, CHRONIC	-	1	-	
PARATHYROID GLANDS	N	U	N	
ADRENAL GLAND	N	N	N	
PITUITARY GLAND PARS DISTALIS- HYPERPLASIA	-	(2)	-	
KIDNEYS MINERALIZATION RENAL TUBULE- DEGENERATION	N - -	11 - -	11 1	
OVARIES	N	N	N	
UTERUS PIGMENT	N -	1	3	
OVIDUCT	N	U	N	
TRACHEA	N	N	N	
ESOPHAGUS	N	N	N	
URINARY BLADDER	N	N	N	
AORTA	N	N	N	
LUNGS METAPLASIA, OSSEOUS	1	1	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP				STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice				GROUP: 450 ppm
				SEX: FEMALE
ANIMAL ID:	211	214	218	
HEART	N	N	N	
SKIN	N	N		
INFLAMMATION, CHRONIC	-	-	1	
MAMMARY GLAND	N			
MINERALIZATION	-	2	-	
INFLAMMATION- CHRONIC	-	-	1	
INFLAMMATION- CHRONIC ACTIVE	-	1	-	
SKELETAL MUSCLE	N	N	N	
STOMACH		N		
MUCOSA- INFLAMMATION, CHRONIC	3	-	1	
PANCREAS	N	N	N	
DUODENUM	N	N	N	
ILEUM	N	N	N	
COLON	N	N	N	
JEJUNUM	N	N	N	
RECTUM	N	N	N	
MESENTERIC LYMPH NODES				
HYPERPLASIA, LYMPHOID	1	2	2	
THYMIC AREA				
CORTEX- ATROPHY	-	1	-	
HEMORRHAGE	1	-	-	
SPLEEN	N			
HEMATOPOIETIC CELL PROLIFERATION	-	1	1	
SALIVARY GLAND	N	N	N	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP				STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice				GROUP: 450 ppm
				SEX: FEMALE
ANIMAL ID:	211	214	218	
MANDIBULAR LYMPH NODE				
HEMORRHAGE	1	2	-	
HYPERPLASIA, LYMPHOID	2	2	2	
LIVER		N	N	
INFLAMMATION, CHRONIC	1	-	-	
GALLBLADDER		N	N	
ECTOPIC TISSUE, PANCREAS	P	-	-	
HYPERPLASIA, LYMPHOID	2	-	-	
EYES	N	N	N	
FEMUR	N	N	N	
BONE MARROW, FEMUR	N	N	N	
NOSE	N			
MUCOSA- INFLAMMATION, CHRONIC	-	-	1	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	1	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:	4	9	14	22	35	39	STUDY NUMBER: TP-001 GROUP: 2500 ppm SEX: FEMALE
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS			N		N		N
C CELL- HYPERPLASIA	1	-	-	-	1	-	
CYSTIC FOLLICLES	-	-	21	-	-	-	
PARATHYROID GLANDS	N	N	U	N	N	N	
ADRENAL GLAND			N		N		
CORTEX- VACUOLATION	11	-	21	-	-	21	
PITUITARY GLAND			N		N		
PARS NERVOSA- GLIOSIS	2	-	-	-	-	-	
PARS DISTALIS- HYPERPLASIA	-	(1)	-	(1)	-	-	
KIDNEYS	N	N		N	N		
MINERALIZATION	-	-	11	-	-	1	
OVARIES	N	N	N	N	N	N	
UTERUS			N	N	N		
LUMEN- DILATATION	1	-	-	-	-	-	
PIGMENT	-	-	-	1	-	1	
OVIDUCT	U	U	U	U	U	U	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice							STUDY NUMBER: TP-001 GROUP: 2500 ppm SEX: FEMALE
	4	9	14	22	35	39	
ANIMAL ID:							
LUNGS	N				N	N	N
INFILTRATING CELL, LYMPHOCYTE	-	-	1	-	-	-	-
INTERSTITIUM- INFLAMMATION, CHRONIC ACTIVE	-	1	-	-	-	-	-
HEART	N	N	N	N	N	N	N
SKIN	N	N	N	N	N	N	N
MAMMARY GLAND	N	N	N		N		
MINERALIZATION	-	-	-	-	-	-	2
CYST	-	-	-	2	-	-	-
INFLAMMATION- CHRONIC	-	-	-	1	-	-	-
SKELETAL MUSCLE DEGENERATION	N	N	N	N	N	N	1
STOMACH	N	N	N	N	N	N	N
PANCREAS	N	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N	N
COLON	N	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N	N
RECTUM	N		N	N	N	N	N
MUCOSA- INFLAMMATION, CHRONIC	-	1	-	-	-	-	-
MESENTERIC LYMPH NODES HYPERPLASIA, LYMPHOID	N	1	1	1	-	2	
THYMIC AREA CORTEX- ATROPHY	N	2	N	N	N	N	
SPLEEN							

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 2500 ppm
							SEX: FEMALE
ANIMAL ID:	4	9	14	22	35	39	
SPLEEN							
HEMATOPOIETIC CELL PROLIFERATION	2	2	2	3	3	2	
CAPSULE- FIBROSIS	-	-	-	-	1	-	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE	N			U		N	
HYPERPLASIA, LYMPHOID	-	1	2	-	1	-	
LIVER			N	N	N	N	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	1	-	-	-	-	-	
GALLBLADDER	N	N			N	N	
ECTOPIC TISSUE, PANCREAS	-	-	P	P	-	-	
HYPERPLASIA, LYMPHOID	-	-	1	-	-	-	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N		N	N	N	
MUCOSA- INFLAMMATION, SUBACUTE	-	-	1	-	-	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 2500 ppm
							SEX: FEMALE
ANIMAL ID:	43	48	68	74	82	104	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS INFLAMMATION, SUBACUTE	1	-	-	-	-	-	
PARATHYROID GLANDS	N	U	N	N	U	N	
ADRENAL GLAND CORTEX- VACUOLATION	N	N	1	N	N	N	
PITUITARY GLAND PARS DISTALIS- HYPERPLASIA	N	N	N	N	2	N	
KIDNEYS MINERALIZATION	1	-	1L	1I	1I	1I	
OVARIES	N	N	N	N	N	N	
UTERUS PIGMENT	-	-	-	-	1	-	
OVIDUCT	N	N	N	N	N	N	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	
LUNGS	N	N	N	N	N	N	
HEART	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	43	48	68	74	82	104	STUDY NUMBER: TP-001 GROUP: 2500 ppm SEX: FEMALE
SKIN			N	N	N		N
EPIDERMIS- HYPERPLASIA	1	-	-	-	-	-	
INFLAMMATION, CHRONIC	2	-	-	-	1	-	
MAMMARY GLAND	N	N			N	N	
CYST	-	-	2	-	-	-	
INFLAMMATION- CHRONIC	-	-	-	1	-	-	
SKELETAL MUSCLE	N	N			N	N	N
DEGENERATION	-	-	1	-	-	-	
STOMACH	N	N	N	N			
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	2	3	
PANCREAS	N	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N	N
COLON	N	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N	N
RECTUM	N	N	N	N	N	N	N
MESENTERIC LYMPH NODES	N				N		
HYPERPLASIA, LYMPHOID	-	2	1	-	1	1	
THYMIC AREA	N				N		N
CORTEX- ATROPHY	-	-	2	-	1	-	
HEMORRHAGE	-	1	-	-	-	-	
SPLEEN							
HEMATOPOIETIC CELL PROLIFERATION	2	2	1	2	2	2	
SALIVARY GLAND	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 2500 ppm
							SEX: FEMALE
ANIMAL ID:	43	48	68	74	82	104	
MANDIBULAR LYMPH NODE							
HYPERPLASIA, LYMPHOID	1	3	1	2	2	1	
LIVER	N		N	N	N	N	
HEMATOPOIETIC CELL PROLIFERATION	-	1	-	-	-	-	
GALLBLADDER	N	N	N	N	N	N	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N	N		N	
LUMEN- FOREIGN BODY	-	-	-	-	1	-	
MUCOSAL GLANDS- INFLAMMATION, ACUTE	-	-	-	-	1	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	107	115	116	117	134	144	STUDY NUMBER: TP-001 GROUP: 2500 ppm SEX: FEMALE
BRAIN	N	N	N	N	-	N	
CEREBRUM/MENINGES- MINERALIZATION	-	-	-	-	1	-	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS	N	N	N	N	-	N	
INFLAMMATION, SUBACUTE	-	-	-	-	1	-	
PARATHYROID GLANDS	N	N	N	N	U	N	
ADRENAL GLAND	N	N	-	N	N	N	
CORTEX- CYST	-	-	2	-	-	-	
PITUITARY GLAND	N	-	N	N	N	N	
PARS DISTALIS- HYPERPLASIA	-	<2>	-	-	-	-	
KIDNEYS	-	N	-	2	11	11	
MINERALIZATION	11	-	21	11	11	11	
OVARIES	N	N	N	N	N	N	
UTERUS	-	N	N	N	N	N	
PIGMENT	1	1	-	-	-	-	
OVIDUCT	N	N	U	U	N	U	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	
LUNGS	-	N	-	-	1	N	
INFILTRATING CELL, LYMPHOCYTE	-	-	-	-	-	-	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 2500 ppm
<hr/>							SEX: FEMALE
ANIMAL ID:	107	115	116	117	134	144	
LUNGS		N					N
INTERSTITIUM- INFLAMMATION, ACUTE	1	-	-	-	-	-	-
METAPLASIA, OSSEOUS	-	-	1	1	-	-	-
HEART	N	N	N	N	N	N	N
SKIN		N				N	N
HAIR FOLLICLE- ATROPHY	-	-	2	-	-	-	-
INFLAMMATION, CHRONIC	1	-	-	1	-	-	-
MAMMARY GLAND	N	N	N				N
MINERALIZATION	-	-	-	2	-	-	-
INFLAMMATION- CHRONIC	-	-	-	-	1	-	-
SKELETAL MUSCLE	N	N	N	N	N	N	N
STOMACH	N	N	N	N	N	N	N
PANCREAS	N	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N	N
COLON	N	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N	N
RECTUM	N	N	N		N	N	N
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	-	-	-	1	-	-	-
MESENTERIC LYMPH NODES					N	N	
HYPERPLASIA, LYMPHOID	2	1	1	-	-	-	1
THYMIC AREA	N				N		
CORTEX- ATROPHY	-	4	1	1	-	-	-
HEMORRHAGE	-	-	-	1	-	-	1

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							'GROUP: 2500 ppm
							SEX: FEMALE
ANIMAL ID:	107	115	116	117	134	144	
SPLEEN					N		
HEMATOPOIETIC CELL PROLIFERATION	3	3	3	2	-	2	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE	U				U		
HYPERPLASIA, LYMPHOID	-	2	3	3	-	1	
LIVER			N		N		N
BILE DUCT- HYPERPLASIA	-	-	1	-	1	-	
HEMATOPOIETIC CELL PROLIFERATION	1	-	-	-	-	-	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	-	-	1	-	-	-	
GALLBLADDER	N	N	N	N	N	N	
EYES	N	N		N	N	N	
CORNEA- INFLAMMATION, CHRONIC	-	-	2	-	-	-	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR			N		N		
HYPERPLASIA, MIXED	1	-	-	-	-	-	
NOSE	N	N	N	N	N	N	
MESENTERY						N	
CERVICAL LYMPH NODE							
HYPERPLASIA, LYMPHOID	-	-	4	-	-	-	
GINGIVA							
INFLAMMATION- CHRONIC ACTIVE	-	-	3	-	-	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP-001	GROUP: 2500 ppm	SEX: FEMALE
	146	158	160	164	168	173			
BRAIN	N	N	N	N	N	N			
SPINAL CORD	N	N	N	N	N	N			
SCIATIC NERVE	N	N	N	N	N	N			
THYROID GLANDS	N		N	N	N	U			
CYSTIC FOLLICLES	-	2I	-	-	-	-			
PARATHYROID GLANDS	N	N	N	N	N	U			
ADRENAL GLAND	N	N	N	N	N	N			
PITUITARY GLAND	N	N	N	N	N	N			
KIDNEYS									
INFARCT	-	-	2	-	-	-			
MINERALIZATION	II	II	II	II	2I	II			
OVARIES	N	N	N	N	N	N			
UTERUS	N		N	N	N	N			
LUNEN- EXUDATE	-	1	-	-	-	-			
OVIDUCT	U	N	N	N	U	U			
TRACHEA	N	N	N	N	N	N			
ESOPHAGUS	N	N	N	N	N	N			
URINARY BLADDER	N	N	N	N	N	N			
AORTA	N	N	N	N	N	N			
LUNGS									
INTERSTITIUM- INFLAMMATION, CHRONIC	-	1	-	-	-	-			
METAPLASIA, OSSEOUS	1	1	-	1	-	-			

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 2500 ppm
							SEX: FEMALE
ANIMAL ID:	146	158	160	164	168	173	
HEART	N	N	N	N	N	N	
SKIN	N		N	N	N	N	
HAIR FOLLICLE- INFLAMMATION, CHRONIC	-	1	-	-	-	-	
MAMMARY GLAND		N	N				
MINERALIZATION	-	-	-	-	-	1	
CYST	-	-	-	2	2	-	
INFLAMMATION- CHRONIC	1	-	-	-	-	-	
INFLAMMATION- CHRONIC ACTIVE	-	-	-	-	2	-	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH	N	N	N	N	N	N	
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	-	-	-	-	-	2	
MUCOSA- MINERALIZATION	-	-	-	-	-	1	
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON	N	N	N	N	N	N	
JEJUNUM	N	N	N	N	N	N	
RECTUM		N	N		N	N	
MUCOSA- INFLAMMATION, CHRONIC	2	-	-	1	-	-	
MESENTERIC LYMPH NODES-	N		N				
DEGENERATION, CYSTIC	-	-	-	-	1	-	
HYPERPLASIA, LYMPHOID	-	1	-	1	-	1	
THYMIC AREA	N	N		N	N	N	
HEMORRHAGE	-	-	1	-	-	-	
SPLEEN							

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 2500 ppm
							SEX: FEMALE
ANIMAL ID:	146	158	160	164	168	173	
SPLEEN							
HEMATOPOIETIC CELL PROLIFERATION	2	2	3	2	3	2	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE				N			N
HEMORRHAGE	-	-	-	-	1	-	
HYPERPLASIA, LYMPHOID	1	2	-	2	1	-	
LIVER	N	N	N	N	N	N	
GALLBLADDER	N	N	N	N	N	N	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N	N	U	N	
MESENTERY	N						

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 2500 ppm
							SEX: FEMALE
ANIMAL ID:	174	181	183	185	192	193	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS	N		N	N	N	N	
C CELL- HYPERPLASIA	-	1	-	-	-	-	
CYSTIC FOLLICLES	-	-	-	-	-	11	
PARATHYROID GLANDS	N	N	N	N	N	N	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND	N	N	N	N	N	N	
KIDNEYS MINERALIZATION	11	11	11	11	11	21	
OVARIES	N	N	N	N	N	N	
UTERUS	N	N	N	N	N	N	
OVIDUCT	U	U	U	N	N	N	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	
LUNGS	N						
INTERSTITIUM- INFLAMMATION, ACUTE	-	-	2	-	-	-	
METAPLASIA, OSSEOUS	-	1	-	1	1	1	
HEART	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice							GROUP: 2500 ppm
							SEX: FEMALE
ANIMAL ID:	174	181	183	185	192	193	
SKIN		N	N		N	N	
INFLAMMATION, CHRONIC	1	-	-	1	-	-	
MAMMARY GLAND	N	N	N				
CYST	-	-	-	2	1	1	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH	N	N	N	N	N	N	
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON	N	N	N	N	N	N	
JEJUNUM	N	N	N	N	N	N	
RECTUM	N		N	N	N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	1	-	-	-	-	
MESENTERIC LYMPH NODES	N		N		N	N	
HYPERPLASIA, LYMPHOID	-	1	-	1	-	-	
THYMIC AREA	N	N	N		N		
CORTEX- ATROPHY	-	-	-	2	-	1	
SPLEEN							
HEMATOPOIETIC CELL PROLIFERATION	3	1	2	3	1	3	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE		N					
HYPERPLASIA, LYMPHOID	1	-	2	1	1	U	
LIVER	N	N	N	N			

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLEPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP	STUDY NUMBER: TP-001					
FATE: Scheduled Sacrifice	GROUP: 2500 ppm					
	SEX: FEMALE					
ANIMAL ID:	174	181	183	185	192	193
LIVER	N	N	N	N	1	-
BILE DUCT- HYPERPLASIA	-	-	-	-	1	-
HEMATOPOIETIC CELL PROLIFERATION	-	-	-	-	1	2
GALLBLADDER	N	N		N	-	N
ECTOPIC TISSUE, PANCREAS	-	-	P	-	-	-
INFLAMMATION, CHRONIC	-	-	-	-	1	-
EYES	N	N		N	N	N
CONJUNCTIVA- INFLAMMATION- CHRONIC	-	-	1	-	-	-
FEMUR	N	N	N	N	N	N
BONE MARROW, FEMUR	N	N	N		N	N
HYPERPLASIA, MIXED	-	-	-	1	-	-
NOSE	N	N	N	N	N	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP
 FATE: Scheduled Sacrifice

STUDY NUMBER: TP-001
 GROUP: 2500 ppm
 SEX: FEMALE

ANIMAL ID:	197	199	204	209
BRAIN	N	N	N	N
SPINAL CORD	N	N	N	N
SCIATIC NERVE	N	N	N	N
THYROID GLANDS CYSTIC FOLLICLES	N	N	II	-
PARATHYROID GLANDS	N	N	N	N
ADRENAL GLAND	N	N	N	N
PITUITARY GLAND PARS DISTALIS- HYPERPLASIA	-	(1)	-	-
KIDNEYS INTERSTITIUM- INFLAMMATION, CHRONIC MINERALIZATION	N	-	2I	-
OVARIES	N	N	N	N
UTERUS	N	N	N	N
OVIDUCT	U	N	N	N
TRACHEA	N	N	N	N
ESOPHAGUS	N	N	N	N
URINARY BLADDER	N	N	N	N
AORTA	N	N	N	N
LUNGS INTERSTITIUM- INFLAMMATION, CHRONIC METAPLASIA, OSSEOUS	1	-	-	-
	-	1	1	-

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

22-AUG-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	197	199	204	209	STUDY NUMBER: TP-001 GROUP: 2500 ppm SEX: FEMALE
ANIMAL ID:	197	199	204	209	
HEART	N	N	N	N	
SKIN	N	N	N	N	
MAMMARY GLAND	N	U	N	U	
SKELETAL MUSCLE	N	N	N	N	
STOMACH	N		N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	2	-	-	
MUCOSA- MINERALIZATION	-	1	-	-	
PANCREAS	N	N	N	N	
DUODENUM	N	N	N	N	
ILEUM	N	N	N	N	
COLON	N	N	N	N	
JEJUNUM	N	N	N	N	
RECTUM	N	N	N	N	
MESENTERIC LYMPH NODES					
DEGENERATION, CYSTIC	-	-	-	1	
HYPERPLASIA, LYMPHOID	1	1	1	1	
THYMIC AREA	N		N		
CORTEX- ATROPHY	-	1	-	1	
SPLEEN					
HEMATOPOIETIC CELL PROLIFERATION	2	3	3	1	
SALIVARY GLAND	N	N	N	N	
MANDIBULAR LYMPH NODE	U		U	U	
HYPERPLASIA, LYMPHOID	-	1	-	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP				STUDY NUMBER: TP-001
FATE: Scheduled Sacrifice				GROUP: 2500 ppm
				SEX: FEMALE
ANIMAL ID:	197	199	204	209
LIVER		N	N	
BILE DUCT- HYPERPLASIA	-	-	-	1
HEMATOPOIETIC CELL PROLIFERATION	1	-	-	-
GALLBLADDER		N	N	N
ECTOPIC TISSUE, PANCREAS	P	-	-	-
EYES	N	N	N	N
FEMUR	N	N	N	N
BONE MARROW, FEMUR	N	N	N	N
NOSE	N	N	N	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

22-AUG-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP	STUDY NUMBER: TP-001
FATE: Natural Death,Moribund Sacrifice	GROUP: CONTROL B
	SEX: FEMALE
ANIMAL ID:	220
BRAIN	N
SPINAL CORD	N
SCIATIC NERVE	N
THYROID GLANDS	N
PARATHYROID GLANDS	N
ADRENAL GLAND	N
PITUITARY GLAND	N
KIDNEYS	
RENAL TUBULE- DEGENERATION	I
OVARIES	N
UTERUS	N
OVIDUCT	U
TRACHEA	N
ESOPHAGUS	N
URINARY BLADDER	N
AORTA	N
LUNGS	N
HEART	N
SKIN	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP	STUDY NUMBER: TP-001
FATE: Natural Death,Moribund Sacrifice	GROUP: CONTROL B
	SEX: FEMALE
<hr/>	
ANIMAL ID:	220
MAMMARY GLAND	N
SKELETAL MUSCLE	N
STOMACH	N
PANCREAS	N
DUODENUM	N
ILEUM	N
COLON	N
JEJUNUM	N
RECTUM	N
MESENTERIC LYMPH NODES	N
THYMIC AREA CORTEX- ATROPHY	4
SPLEEN HEMATOPOIETIC CELL PROLIFERATION	2
NECROSIS	2
SALIVARY GLAND	N
MANDIBULAR LYMPH NODE	N
LIVER HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	3
GALLBLADDER	N
EYES	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:	220
FEMUR	1
BONE MARROW, FEMUR HYPERPLASIA, MIXED	2
NOSE	1

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP			STUDY NUMBER: TP-001
FATE: Natural Death,Moribund Sacrifice			GROUP: 150 ppm
			SEX: FEMALE
ANIMAL ID:	27	103	
BRAIN	N	N	
SPINAL CORD	N	N	
SCIATIC NERVE	N	N	
THYROID GLANDS	N		
C CELL- HYPERPLASIA	-	1	
PARATHYROID GLANDS	N	N	
ADRENAL GLAND	N	N	
PITUITARY GLAND	U	N	
KIDNEYS			
MINERALIZATION	1	-	
RENAL TUBULE- DEGENERATION	3	3I	
RENAL TUBULE- PIGMENT	2	-	
OVARIES	N	N	
UTERUS		N	
EPITHELIUM- HYPERPLASIA	2	-	
OVIDUCT	N	N	
TRACHEA	N	N	
ESOPHAGUS	N	N	
URINARY BLADDER	N	N	
AORTA	N	N	
LUNGS	N	N	
HEART	N	N	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP			STUDY NUMBER: TP-001
FATE: Natural Death,Moribund Sacrifice			GROUP: 150 ppm
			SEX: FEMALE
ANIMAL ID:	27	103	
SKIN	N	N	
MAMMARY GLAND	U	N	
SKELETAL MUSCLE	N	N	
STOMACH	N	N	
PANCREAS	N	N	
DUODENUM	N	N	
ILEUM	N	N	
COLON	N	N	
JEJUNUM	N	N	
RECTUM	N	N	
MESENTERIC LYMPH NODES HEMORRHAGE	2	N	-
THYMIC AREA CORTEX- ATROPHY	3	U	-
SPLEEN ABSCESS	-	3	
HEMATOPOIETIC CELL PROLIFERATION	4	2	
SALIVARY GLAND	N	N	
MANDIBULAR LYMPH NODE HEMORRHAGE	1	N	-
LIVER HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	4	4	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP		STUDY NUMBER: TP-001
FATE: Natural Death,Moribund Sacrifice		GROUP: 150 ppm
		SEX: FEMALE
ANIMAL ID:	27	103
GALLBLADDER	N	N
EYES	N	N
FEMUR	N	N
BONE MARROW, FEMUR HYPERPLASIA, MIXED	3	-
NOSE		
LUMEN- FOREIGN BODY	-	1
MUCOSA- INFLAMMATION, ACUTE	2	-

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP			STUDY NUMBER: TP-001
FATE: Natural Death,Moribund Sacrifice			GROUP: 450 ppm
			SEX: FEMALE
ANIMAL ID:	136	202	
BRAIN	N	N	
SPINAL CORD	N	N	
SCIATIC NERVE	N	N	
THYROID GLANDS	N	N	
PARATHYROID GLANDS	N	N	
ADRENAL GLAND	N	N	
PITUITARY GLAND	U	N	
KIDNEYS			
MINERALIZATION	11	-	
RENAL TUBULE- DEGENERATION	11	31	
OVARIES	N	N	
UTERUS	N	N	
OVIDUCT	N	U	
TRACHEA	N	N	
ESOPHAGUS	N	N	
URINARY BLADDER			
EPITHELIUM- HYPERPLASIA	2	-	
INFLAMMATION, CHRONIC ACTIVE	2	-	
AORTA	N	N	
LUNGS			
METAPLASIA, OSSEOUS	1	-	
HEART	N	N	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP	STUDY NUMBER: TP-001
FATE: Natural Death,Moribund Sacrifice	GROUP: 450 ppm
	SEX: FEMALE

ANIMAL ID:	136	202
SKIN		N
FOREIGN BODY	1	-
MAMMARY GLAND	N	U
SKELETAL MUSCLE DEGENERATION	N -	2
STOMACH EROSION	N -	3
PANCREAS	N	N
DUODENUM GLAND- DILATATION	N -	1
ILEUM GLAND- DILATATION	N -	2
COLON	N	N
JEJUNUM GLAND- DILATATION	N -	1
RECTUM GLAND- DILATATION	2	N -
MESENTERIC LYMPH NODES HEMORRHAGE	N -	4
THYMIC AREA CORTEX- ATROPHY	4	U -
SPLEEN HEMATOPOIETIC CELL PROLIFERATION	2	3
SALIVARY GLAND	N	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP			STUDY NUMBER: TP-001
FATE: Natural Death,Moribund Sacrifice			GROUP: 450 ppm
			SEX: FEMALE
ANIMAL ID:	136	202	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	2	-	U
LIVER HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	1	4	
GALLBLADDER INFLAMMATION, CHRONIC	1	-	N
EYES	N	U	
FEMUR	N	N	
BONE MARROW, FEMUR DEPLETION HYPERPLASIA, GRANULOCYTIC	-	2	
NOSE	N	N	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP	STUDY NUMBER: TP-001
FATE: Natural Death,Moribund Sacrifice	GROUP: 2500 ppm
	SEX: FEMALE

ANIMAL ID:	
201	
BRAIN	N
SPINAL CORD	N
SCIATIC NERVE	N
THYROID GLANDS	
FOLLICULAR CELL- HYPERPLASIA	(4)
PARATHYROID GLANDS	N
ADRENAL GLAND	U
PITUITARY GLAND	N
KIDNEYS	
MINERALIZATION	1I
RENAL TUBULE- DEGENERATION	3I
OVARIES	N
UTERUS	N
OVIDUCT	N
TRACHEA	N
ESOPHAGUS	N
URINARY BLADDER	N
AORTA	N
LUNGS	N
HEART	N
SKIN	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP	STUDY NUMBER: TP-001
FATE: Natural Death,Moribund Sacrifice	GROUP: 2500 ppm
	SEX: FEMALE
ANIMAL ID:	201
Skin	
EPIDERMIS- EXUDATE	1
MAMMARY GLAND	U
SKELETAL MUSCLE	N
STOMACH	
EROSION	2
PANCREAS	N
DUODENUM	N
ILEUM	N
COLON	N
JEJUNUM	N
RECTUM	N
MESENTERIC LYMPH NODES	N
THYMIC AREA	U
SPLEEN	
HEMATOPOIETIC CELL PROLIFERATION	3
SALIVARY GLAND	N
MANDIBULAR LYMPH NODE	U
LIVER	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	3
GALLBLADDER	N

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP	STUDY NUMBER: TP-001
FATE: Natural Death,Moribund Sacrifice	GROUP: 2500 ppm
	SEX: FEMALE

ANIMAL ID:	201
EYES	
CONJUNCTIVA- INFLAMMATION- ACUTE	4
CORNEA- INFLAMMATION, ACUTE	3
FEMUR	
BONE MARROW, FEMUR	N
HYPERPLASIA, GRANULOCYTIC	2
NOSE	
MUCOSA- INFLAMMATION, ACUTE	1

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS						STUDY NUMBER: TP001K
FATE: Scheduled Sacrifice						GROUP: CONTROL A
						SEX: MALE
ANIMAL ID:	36M1	78M1	79M1	156M2	166M2	196M2
AORTA						
DILATATION	2	-	-	-	-	-
Skin						
INFLAMMATION, CHRONIC ACTIVE	-	-	3	-	-	-
SKELETAL MUSCLE						
MINERALIZATION	-	-	-	-	4	-
NECROSIS	-	-	-	-	4	-
STOMACH						
SUBMUCOSA- EDEMA	-	-	-	-	-	2
THYMIC AREA						
NECROSIS	-	-	-	3	-	-
LIVER						
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	-	(1)	-	-	-	-
MEDIASTINAL LYMPH NODE						
HYPERPLASIA, LYMPHOID	-	-	-	-	-	31

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS
FATE: Scheduled Sacrifice

STUDY NUMBER: TP001K
GROUP: CONTROL B
SEX: MALE

ANIMAL ID:	101M2	138M2	208M2
KIDNEYS			
PELVIS- DILATATION	4	-	-
LUNGS			
HEMORRHAGE	-	<2>	-
SPLEEN			
NECROSIS	-	-	2
LIVER			
NECROSIS	-	-	<3>

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS
FATE: Scheduled Sacrifice

STUDY NUMBER: TP001K
GROUP: 150 ppm
SEX: MALE

ANIMAL ID: 140M1

MEDIASTINAL LYMPH NODE
HYPERPLASIA, LYMPHOID

2

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS					STUDY NUMBER: TP001K
FATE: Scheduled Sacrifice					GROUP: 450 ppm
					SEX: MALE
ANIMAL ID:	7M1	25M1	73M2	77M1	110M2
SKIN					
ABSCESS	-	4	-	-	-
THYMIC AREA					
ABSCESS	-	-	-	2	-
SPLEEN					
CAPSULE- FAT DEPOSIT	2	-	-	-	-
CAPSULE- DEFORMITY	P	-	-	-	-
MANDIBULAR LYMPH NODES					
HYPERPLASIA, LYMPHOID	-	-	31	-	-
LIVER					
DEFORMITY	-	-	-	-	P
MESENTERY				N	
BONE					
CALVARIUM- HYPEROSTOSIS	-	-	-	2	-

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS
FATE: Scheduled Sacrifice

STUDY NUMBER: TP001K
GROUP: 2500 ppm
SEX: MALE

ANIMAL ID:	68M1	74M1
KIDNEYS PELVIS- DILATATION	-	4
LIVER NECROSIS	3	-

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS	STUDY NUMBER: TP001K
FATE: Scheduled Sacrifice	GROUP: CONTROL A
	SEX: FEMALE
ANIMAL ID:	29F1 80F1
SKIN ULCER	- 3
MESENTERY NECROSIS	3 -

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS
FATE: Scheduled Sacrifice

STUDY NUMBER: TP001K
GROUP: CONTROL B
SEX: FEMALE

ANIMAL ID: 135F2

LIVER
NECROSIS 4

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS
FATE: Scheduled Sacrifice

STUDY NUMBER: TP001K
GROUP: 150 ppm
SEX: FEMALE

ANIMAL ID:	10F1	120F1	140F1
OVARIES	N	N	
OVIDUCT DILATATION	-	3	-
HEART			N
LIVER NECROSIS	-	-	(2)

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS
FATE: Scheduled Sacrifice

STUDY NUMBER: TP001K
GROUP: 450 ppm
SEX: FEMALE

ANIMAL ID:	20F1	200F1	218F1
SPLEEN			
HEMATOPOIETIC CELL PROLIFERATION	3	-	-
MEDIASTINAL LYMPH NODE			
HYPERPLASIA, LYMPHOID	-	2	-
ILiac LYMPH NODE			
HYPERPLASIA, LYMPHOID	-	3	-
BONE			N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS
FATE: Scheduled Sacrifice

STUDY NUMBER: TP001K
GROUP: 2500 ppm
SEX: FEMALE

ANIMAL ID: 160F1

BONE
TIBIA- FRACTURE 4

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS	STUDY NUMBER: TP001K
FATE: Natural Death,Moribund Sacrifice	GROUP: CONTROL A
	SEX: MALE

ANIMAL ID:	
	72M3
BRAIN	N
SPINAL CORD	N
SCIATIC NERVE	N
THYROID GLANDS	N
PARATHYROID GLANDS	N
ADRENAL GLAND	N
PITUITARY GLAND	N
KIDNEYS	N
TESTIS	N
EPIDIDYMIS	N
PROSTATE	N
TRACHEA	N
ESOPHAGUS	
DILATATION	4
URINARY BLADDER	N
AORTA	N
LUNGS	N
HEART	N
SKIN	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS		STUDY NUMBER: TP001K
FATE: Natural Death,Moribund Sacrifice		GROUP: CONTROL A
		SEX: MALE
ANIMAL ID:	72M3	
MAMMARY GLAND	U	
SKELETAL MUSCLE	N	
STOMACH	N	
PANCREAS	N	
DUODENUM	N	
ILEUM	N	
COLON	N	
JEJUNUM	N	
RECTUM	N	
MESENTERIC LYMPH NODES	N	
THYMIC AREA CORTEX- ATROPHY	3	
SPLEEN LYMPHOID FOLLICLE- ATROPHY	3	
SALIVARY GLAND	N	
MANDIBULAR LYMPH NODES	N	
LIVER HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	(3)	
GALLBLADDER	N	
EYES	N	
FEMUR	N	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS
FATE: Natural Death,Moribund Sacrifice

STUDY NUMBER: TP001K
GROUP: CONTROL A
SEX: MALE

ANIMAL ID:	72M3
BONE MARROW, FEMUR	N
NOSE	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS
FATE: Natural Death,Moribund Sacrifice

STUDY NUMBER: TP001K
GROUP: 2500 ppm
SEX: MALE

ANIMAL ID:	
	107M3
BRAIN	N
SPINAL CORD	N
SCIATIC NERVE	N
THYROID GLANDS	N
PARATHYROID GLANDS	N
ADRENAL GLAND	N
PITUITARY GLAND	N
KIDNEYS	N
TESTIS	N
EPIDIDYMIS	N
PROSTATE	U
TRACHEA	N
ESOPHAGUS	N
URINARY BLADDER	N
AORTA	N
LUNGS	N
HEART	N
SKIN	N
MAMMARY GLAND	U

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS	STUDY NUMBER: TP001K
FATE: Natural Death, Moribund Sacrifice	GROUP: 2500 ppm
	SEX: MALE
ANIMAL ID:	107M3
SKELETAL MUSCLE	N
STOMACH	
MUCOSA- INFLAMMATION, CHRONIC	1
PANCREAS	U
DUODENUM	N
ILEUM	
INFLAMMATION, CHRONIC ACTIVE	3
COLON	N
JEJUNUM	N
RECTUM	U
MESENTERIC LYMPH NODES	U
THYMIC AREA	U
SPLEEN	
LYMPHOID FOLLICLE- ATROPHY	4
SALIVARY GLAND	N
MANDIBULAR LYMPH NODES	N
LIVER	N
GALLBLADDER	N
EYES	N
FEMUR	N
BONE MARROW, FEMUR	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

Page 122

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:	107M
BONE MARROW, FEMUR HYPERPLASIA, GRANULOCYTIC	3
NOSE	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS	STUDY NUMBER: TP001K
FATE: Natural Death,Moribund Sacrifice	GROUP: 150 ppm
	SEX: FEMALE

ANIMAL ID:	
	120F2
BRAIN	N
SPINAL CORD	N
SCIATIC NERVE	N
THYROID GLANDS	N
PARATHYROID GLANDS	N
ADRENAL GLAND	N
PITUITARY GLAND	N
KIDNEYS	N
OVARIES	N
UTERUS	N
OVIDUCT	N
TRACHEA	N
ESOPHAGUS	N
URINARY BLADDER	N
AORTA	N
LUNGS	N
HEART	N
SKIN	N
MAMMARY GLAND	U

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP KITS	STUDY NUMBER: TP001K
FATE: Natural Death,Moribund Sacrifice	GROUP: 150 ppm
	SEX: FEMALE

ANIMAL ID:	120F2
SKELETAL MUSCLE	N
STOMACH	N
PANCREAS	N
DUODENUM	N
ILEUM	N
COLON	N
JEJUNUM	N
RECTUM	U
MESENTERIC LYMPH NODES	N
THYMIC AREA	N
SPLEEN	N
SALIVARY GLAND	N
MANDIBULAR LYMPH NODES	N
LIVER HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	3
GALLBLADDER	N
EYES	N
FEMUR	N
BONE MARROW, FEMUR	N
NOSE	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Scheduled Sacrifice	STUDY NUMBER: TP001F1 GROUP: 1: CONTROL A SEX: MALE						
	ANIMAL ID:	300	301	302	303	304	305
TESTIS		N	N	N	N		N
SEMINIFEROUS TUBULE- SYNCYTIAL ALTERATION		-	-	-	-	1L	-
EPIDIDYMIS		N		N	-	N	
GRANULOMA, SPERMATIC		-	3	-	3	-	2
PROSTATE		N	N	N	N	N	N
LUNGS							
FOREIGN BODY		-	-	2	-	-	-
INTERSTITIUM- INFLAMMATION, CHRONIC ACTIVE		-	-	(2)	-	-	-
LIVER							
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC		-	(2)	<2>	-	(2)	2
NECROSIS		(1)	-	-	-	-	-
CAVITIES							N
FAT- NECROSIS		-	-	-	3	-	-
MEDIASTINAL LYMPH NODE							
DEGENERATION, CYSTIC		-	-	-	-	-	3

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Scheduled Sacrifice							GROUP: 1: CONTROL A
							SEX: MALE
ANIMAL ID:	306	307	308	309	310	311	
TESTIS	N	N	N	N	N	N	
EPIDIDYMIS	N		N		N	N	
INFLAMMATION, CHRONIC ACTIVE	-	2	-	2	-	-	
PROSTATE	N		N		N		
CYST	-	1	-	1	1	-	
LIVER							
BILE DUCT- HYPERPLASIA	-	-	-	1	-	-	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	-	2	-	<3>	(2)	-	
INFLAMMATION, SUBACUTE	-	-	-	-	1	-	
GALLBLADDER							
INFLAMMATION, CHRONIC ACTIVE	-	-	-	1	-	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:	312
TESTIS	
INFLAMMATION, SUBACUTE	1
EPIDIDYMIS	
INFLAMMATION, SUBACUTE	1
PROSTATE	
INFLAMMATION, SUBACUTE	1

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:	313	314	315	316	317	318	STUDY NUMBER: TP001F1
							GROUP: 2: CONTROL B
STUDY NUMBER: TP001F1	GROUP: 2: CONTROL B	SEX: MALE					
TESTIS			N	N	N	N	
ATROPHY/INVOLUTION	-	-	-	-	31	-	
MINERALIZATION	<1>L	-	-	-	-	-	
EPIDIDYMIS			N		N	N	
INFLAMMATION, SUBACUTE	-	-	1	-	-	-	
INFLAMMATION, CHRONIC ACTIVE	2	-	-	2	-	-	
PROSTATE	N		N	N	N	N	
CYST	-	1	-	-	-	-	
LIVER							
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	<1>	-	<2>	(2)	-	-	
GALLBLADDER							
ECTOPIC TISSUE, PANCREAS	-	-	-	P	-	-	
HYPERPLASIA, LYMPHOID	-	-	-	3	-	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Scheduled Sacrifice							GROUP: 2: CONTROL B
							SEX: MALE
ANIMAL ID:	319	320	321	322	323	324	
TESTIS		N	N	N	N	N	
SEMINIFEROUS TUBULE- SYNCYTIAL ALTERATION	1	-	-	-	-	-	
EPIDIDYMIS	N	N	N	N	N		
INFLAMMATION, CHRONIC ACTIVE	-	-	-	-	-	2	
PROSTATE	N	N	N	N	N	N	
LIVER		N					
BILE DUCT- HYPERPLASIA	-	-	-	1	-	1	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	(2)	-	(2)	(2)	-	<2>	
INFLAMMATION, SUBACUTE	-	-	-	2	-	-	
NECROSIS	-	-	-	-	4	<2>	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP
FATE: Scheduled Sacrifice

STUDY NUMBER: TP001F1
GROUP: 2: CONTROL B
SEX: MALE

ANIMAL ID:	325
TESTIS	N
EPIDIDYMIS INFLAMMATION, CHRONIC	2
PROSTATE	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Scheduled Sacrifice							GROUP: 3: 150 ppm
							SEX: MALE
ANIMAL ID:	326	327	328	329	330	331	
TESTIS	N	N	N	N	N	N	
EPIDIDYMIS INFLAMMATION, CHRONIC	N	N	N	N	N	-	2
PROSTATE CYST	N	N	1	N	N	N	
LIVER BILE DUCT- HYPERPLASIA HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	-	-	-	-	1	-	
	-	<3>	-	-	<2>	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLEPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Scheduled Sacrifice							GROUP: 3: 150 ppm
							SEX: MALE
ANIMAL ID:	332	333	334	335	336	337	
TESTIS	N	N	N	N		N	
MESOTHELIUM- HYPERPLASIA	-	-	-	-	(1)	-	
EPIDIDYMIS	N	N	N				
INFLAMMATION, CHRONIC	-	-	-	3	1	2	
PROSTATE	N	N	N			N	
CYST	-	-	-	-	2	-	
URETHRA- INFLAMMATION, CHRONIC	-	-	-	2	-	-	
LIVER							
BILE DUCT- HYPERPLASIA	1	1	-	-	-	-	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	(2)	<2>	-	-	<3>	-	
INFLAMMATION, SUBACUTE	-	2	-	-	-	-	
NECROSIS	-	1	-	-	-	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Scheduled Sacrifice							GROUP: 4: 450 ppm
							SEX: MALE
ANIMAL ID:	339	340	341	342	343	344	
TESTIS	N	N	N	N	N	N	
EPIDIDYMIS	N	N	N	N			
GRANULOMA, SPERMATIC	-	-	-	-	2	2	
PROSTATE	N	N		N		N	
CYST	-	-	2	-	2	-	
LIVER							
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	-	-	<2>	-	-	<2>	
NECROSIS	-	-	-	-	-	-	1

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Scheduled Sacrifice							GROUP: 4: 450 ppm
							SEX: MALE
ANIMAL ID:	346	347	348	349	350	351	
TESTIS	N	N	N	N	N	N	
EPIDIDYMIS INFLAMMATION, CHRONIC	1	-	-	-	-	-	
PROSTATE CYST	N	N	N	N	3	N	
LIVER BILE DUCT- HYPERPLASIA	-	-	-	-	1	-	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	(1)	(2)	(2)	-	<3>	(2)	
INFLAMMATION, SUBACUTE	-	-	-	-	1	-	
INFLAMMATION, CHRONIC	-	1	-	-	-	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Scheduled Sacrifice							GROUP: 5: 2500 ppm
							SEX: MALE
ANIMAL ID:	352	353	354	355	356	357	
TESTIS							
INFLAMMATION, CHRONIC ACTIVE	-	31	-	-	-	-	-
EPIDIDYMIS							
INFLAMMATION, SUBACUTE	-	-	-	-	1	-	-
INFLAMMATION, CHRONIC	-	2	1	-	-	-	-
INFLAMMATION, CHRONIC ACTIVE	1	-	-	-	-	-	-
PROSTATE							
ATROPHY	-	1	-	-	-	-	-
CYST	2	-	3	-	-	-	-
INFLAMMATION, SUBACUTE	-	-	-	-	1	-	-
LIVER							
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	-	(2)	-	<2>	-	-	-
NECROSIS	-	-	-	-	-	(3)	-
PIGMENT	-	-	-	-	-	(2)	-

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Scheduled Sacrifice							GROUP: 5: 2500 ppm
							SEX: MALE
ANIMAL ID:	358	359	360	361	362	363	
TESTIS		N	N	N	N	N	
ATROPHY/INVOLUTION	2	-	-	-	-	-	
SEMINIFEROUS TUBULE- SYNCYTIAL ALTERATION	1	-	-	-	-	-	
EPIDIDYMIS	N	N					
GRANULOMA, SPERMATIC	-	-	-	2	-	-	
INFLAMMATION, SUBACUTE	-	-	-	-	1	-	
INFLAMMATION, CHRONIC	-	-	1	-	-	-	
INFLAMMATION, CHRONIC ACTIVE	-	-	-	-	-	2	
PROSTATE		N	N	N	N	N	
ATROPHY	2	-	-	-	-	-	
URETHRA- INFLAMMATION, CHRONIC	-	-	-	-	-	2	
LUNGS							
HEMORRHAGE	-	-	-	-	-	(2)	
INTERSTITIUM- INFLAMMATION, CHRONIC	-	(2)	-	-	-	-	
METAPLASIA, OSSEOUS	-	1	-	-	-	-	
SKIN							
HAIR FOLLICLE- ATROPHY	-	-	-	-	<2>	-	
LIVER							
BILE DUCT- HYPERPLASIA	1	-	-	-	-	-	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	<2>	-	<2>	-	-	-	
INFLAMMATION, SUBACUTE	1	-	-	-	1	-	
NECROSIS	-	-	1	-	<1>	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:	364
TESTIS	N
EPIDIDYMIS	
INFLAMMATION, SUBACUTE	1
PROSTATE	N
LIVER	
NECROSIS	(1)

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:	400	401	402	404	405	406	STUDY NUMBER: TP001F1
							GROUP: 1: CONTROL A
STUDY ID : DIMP FATE: Terminal Sacrifice	ANIMAL ID:	400	401	402	404	405	406
	BRAIN	N	N	N	N	N	
	CHOROID PLEXUS- INFLAMMATION, CHRONIC	-	-	-	-	-	1
	SPINAL CORD	N	N	N	N	N	N
	SCIATIC NERVE	N	N	N	N	N	N
	THYROID GLANDS	N	N	N			N
	CYSTIC FOLLICLES	-	-	-	II	II	-
	PARATHYROID GLANDS	N	N	N		U	N
	VACUOLIZATION, CYTOPLASMIC	-	-	-	1	-	-
	ADRENAL GLAND	N	N	N	N	(1)	-
	INFLAMMATION, ACUTE	-	-	-	-	-	2I
	PIGMENT	-	-	-	-	-	
	PITUITARY GLAND	N	N	N	N	N	N
	KIDNEYS						
	INTERSTITIUM- INFLAMMATION, SUBACUTE	-	-	-	-	1L	-
	METAPLASIA OSSEOUS	-	-	-	-	II	-
	MINERALIZATION	II	II	1	II	-	II
	RENAL TUBULE- DEGENERATION	-	-	-	II	II	-
OVARIES		N	N	N	N	N	N
		N	N	N	N	N	N
		N	N	N	N	N	N
		N	N	N	N	N	N
UTERUS		N	N	N	N	N	N
		N	N	N	N	N	N
oviducts		N	N	N	N	N	N
	CYST	-	-	-	2	-	-
TRACHEA		N	N	N	N	N	N
		N	N	N	N	N	N
ESOPHAGUS		N	N	N	N	N	N
		N	N	N	N	N	N

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice	STUDY NUMBER: TP001F1 GROUP: 1: CONTROL A SEX: FEMALE						
	ANIMAL ID:	400	401	402	404	405	406
URINARY BLADDER		N	N	N	N	N	N
AORTA		N	N	N	N	N	N
LUNGS		N			N	N	
METAPLASIA, OSSEOUS		-	1	1	-	-	1
HEART		N	N	N	N	N	N
SKIN		N	N	N	N	N	N
MAMMARY GLAND		N				N	
CYST		-	2	-	-	-	-
INFLAMMATION- ACUTE		-	-	1	1	-	-
INFLAMMATION- CHRONIC ACTIVE		-	-	-	-	-	1
SKELETAL MUSCLE		N	N	N	N	N	N
STOMACH		N	N	N	N	N	
MUCOSA- INFLAMMATION, CHRONIC		-	-	-	-	-	1
PANCREAS		N	N	N	N	N	N
DUODENUM		N	N	N	N	N	N
ILEUM		N	N	N	N	N	N
COLON		N	N	N	N	N	N
JEJUNUM		N	N	N	N	N	N
RECTUM		N	N	N	N	N	N
MESENTERIC LYMPH NODES		N		N		N	
HYPERPLASIA, LYMPHOID		-	1	-	2	-	1
THYMIC AREA		N	N	U			
CORTEX- ATROPHY		-	-	-	2	2	N

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 1: CONTROL A
							SEX: FEMALE
ANIMAL ID:	400	401	402	404	405	406	
SPLEEN	N			N	N		
HEMATOPOIETIC CELL PROLIFERATION	-	1	1	-	-	2	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE	N				U	U	
HYPERPLASIA, LYMPHOID	-	1	2	2	-	-	
LIVER	N	N	N			N	
BILE DUCT- HYPERPLASIA	-	-	-	1	-	-	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	-	-	-	-	2	-	
GALLBLADDER			N	N	N	N	
ECTOPIC TISSUE, PANCREAS	P	P	-	-	-	-	
HYPERPLASIA, LYMPHOID	2	-	-	-	-	-	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N	N		N	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	-	-	-	2	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:	407	408	409	410	411	412	STUDY NUMBER: TP001F1
							GROUP: 1: CONTROL A
							SEX: FEMALE
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS			N	N	N		
C CELL- HYPERPLASIA	-	-	-	-	-	11	
CYSTIC FOLLICLES	1	1	-	-	-	-	
PARATHYROID GLANDS	N	N	N	N	N	N	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND	N	N	N	N	N	N	
KIDNEYS							
MINERALIZATION	11	1	21	11	11	11	
OVARIES			N	N	N	N	
CONGESTION	11	-	-	-	-	-	
UTERUS			N	N	N	N	
ENDOMETRIUM- CYST	2	-	-	-	-	-	
PIGMENT	-	-	-	-	1	-	
OVIDUCTS	N	N	N	N	N	N	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	
LUNGS							
INTERSTITIUM- INFLAMMATION, SUBACUTE	-	1	-	-	-	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice	ANIMAL ID:	407	408	409	410	411	412	STUDY NUMBER: TP001F1 GROUP: 1: CONTROL A SEX: FEMALE
LUNGS								
METAPLASIA, OSSEOUS		1	1	1	1	1	1	
HEART		N	N	N	N	N	N	
SKIN		N	N	N	N	N	N	
MAMMARY GLAND		U	N	N	U	N	N	
SKELETAL MUSCLE		N	N	N	N	N	N	
STOMACH		N	N	N	N	N	N	
PANCREAS		N	N	N	N	N	N	
DUODENUM		N	N	N	N	N	N	
ILEUM		N	N	N	N	N	N	
COLON		N	N	N	N	N	N	
JEJUNUM		N	N	N	N	N	N	
RECTUM		N	N	N	N	N	N	
MESENTERIC LYMPH NODES								
HYPERPLASIA, LYMPHOID		1	-	-	2	1	-	
THYMIC AREA								
CORTEX- ATROPHY		-	1	-	-	2	1	
HEMORRHAGE		2	-	-	-	-	-	
SPLEEN								
HEMATOPOIETIC CELL PROLIFERATION		2	2	2	2	-	1	
SALIVARY GLAND								
INFLAMMATION, CHRONIC		1	-	-	-	-	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice							STUDY NUMBER: TP001F1 GROUP: 1: CONTROL A SEX: FEMALE
	407	408	409	410	411	412	
ANIMAL ID:							
MANDIBULAR LYMPH NODE	U		N	U			
HYPERPLASIA, LYMPHOID	-	1	-	-	1	2	
LIVER	N		N		N	N	
BILE DUCT- HYPERPLASIA	-	-	-	2	-	-	
INFLAMMATION, SUBACUTE	-	2	-	-	-	-	
GALLBLADDER					N	N	N
ECTOPIC TISSUE, PANCREAS	-	P	P	-	-	-	
HYPERPLASIA, LYMPHOID	1	1	2	-	-	-	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE			N	N	N		
MUCOSAL GLANDS- INFLAMMATION, CHRONIC	3	-	-	-	-	-	
NASOLACRIMAL DUCT- FOREIGN BODY	-	P	-	-	-	-	
NASOLACRIMAL DUCT- INFLAMMATION, SUBACUTE	-	2	-	-	-	-	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	-	-	-	-	1	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP001F1	GROUP: 1: CONTROL A	SEX: FEMALE
	413	415	416	417	419	421			
BRAIN	N	N	N		N	N			
CHOROID PLEXUS- INFLAMMATION, CHRONIC	-	-	-	1	-	-			
SPINAL CORD	N	N	N	N	N	N			
SCIATIC NERVE	N	N	N	N	N	N			
THYROID GLANDS	N	N	N					N	
CYSTIC FOLLICLES	-	-	-	11	21	-			
PARATHYROID GLANDS	N	N	N	N	U	U			
ADRENAL GLAND	N	N	N	N	N	N			
PITUITARY GLAND					N	N			
PARS NERVOSA- GLIOSIS	1	-	-	1	-	-			
KIDNEYS									
MINERALIZATION	11	11	1L	11	11	11			
RENAL TUBULE- DEGENERATION	11	11	-	11	-	11			
OVARIES	N	N	N	N	N	N			
UTERUS	N	N	N		N	N			
PIGMENT	-	-	-	1	-	-			
OVIDUCTS	N	N	N	N	N	N			
DILATATION	-	3	-	-	-	-			
TRACHEA	N	N	N	N	N	N			
ESOPHAGUS	N	N	N	N	N	N			
URINARY BLADDER	N	N	N	N	N	N			
AORTA	N	N	N	N	N	N			
LUNGS									

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice	STUDY NUMBER: TP001F1 GROUP: 1: CONTROL A SEX: FEMALE					
ANIMAL ID:	413	415	416	417	419	421
LUNGS						
INTERSTITIUM- INFLAMMATION, SUBACUTE	1	-	-	-	-	-
METAPLASIA, OSSEOUS	1	1	1	1	1	1
HEART	N	N	N	N	N	N
SKIN	N		N	N	N	N
HAIR FOLLICLE- INFLAMMATION, CHRONIC	-	2	-	-	-	-
MAMMARY GLAND	N	N	N	N	N	
INFLAMMATION- ACUTE	-	-	-	-	-	2
SKELETAL MUSCLE	N	N	N		N	N
INFLAMMATION, SUBACUTE	-	-	-	1	-	-
STOMACH	N		N	N	N	N
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	-	2	-	-	-	-
PANCREAS	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N
COLON	N	N	N	N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	-	1
JEJUNUM	N	N	N	N	N	N
RECTUM	N	N	N	N	N	
MUCOSA- INFLAMMATION, CHRONIC	1	-	-	-	1	-
MESENTERIC LYMPH NODES	N	N	N			
HYPERPLASIA, LYMPHOID	-	-	-	1	1	1
THYMIC AREA		U		N	N	
CORTEX- ATROPHY	2	-	1	-	-	1

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 1: CONTROL A SEX: FEMALE
ANIMAL ID:	413	415	416	417	419	421	
SPLEEN	N	N	N		N	N	
HEMATOPOIETIC CELL PROLIFERATION	-	-	-	2	-	-	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE	U	N			N	U	
HYPERPLASIA, LYMPHOID	-	-	1	-	-	2	
NECROSIS	-	-	2	-	-	-	
LIVER	N	N	N	N	N	N	
GALLBLADDER		N		N			
ECTOPIC TISSUE, PANCREAS	-	-	P	-	P	P	
HYPERPLASIA, LYMPHOID	1	-	1	-	-	-	
EYES	N	N	N	N		N	
CONJUNCTIVA- INFLAMMATION- CHRONIC	-	-	-	-	2	-	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N	N		N	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	-	-	-	2	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice	STUDY NUMBER: TP001F1 GROUP: 1: CONTROL A SEX: FEMALE					
	422	423	424	425	426	427
BRAIN	N	N	N		N	
CHOROID PLEXUS- INFLAMMATION, CHRONIC	-	-	-	1	-	1
SPINAL CORD	N	N	N	N	N	N
SCIATIC NERVE	N	N	N	N	N	N
THYROID GLANDS	N		N		N	N
CYSTIC FOLLICLES	-	1	-	11	-	-
PARATHYROID GLANDS	N	N	N	U	N	N
ADRENAL GLAND	N	N	N	N	N	N
PITUITARY GLAND	N		N	N	N	N
PARS NERVOSA- GLIOSIS	-	2	-	-	-	-
KIDNEYS						
MINERALIZATION	11	11	1L	11	1	1L
RENAL TUBULE- DEGENERATION	-	-	11	-	-	-
OVARIES	N	N	N	N	N	N
UTERUS	N	N	N		N	N
PIGMENT	-	-	-	2	-	-
OVIDUCTS	N	N	N	N	N	N
TRACHEA	N	N	N	N	N	N
ESOPHAGUS	N	N	N	N	N	N
URINARY BLADDER	N	N	N	N	N	N
AORTA	N	N	N	N	N	N
LUNGS						
METAPLASIA, OSSEOUS	1	1	-	1	-	1

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:	422	423	424	425	STUDY NUMBER: TP001F1	
					GROUP: 1: CONTROL A	SEX: FEMALE
HEART	N	N	N	N	N	N
SKIN HAIR FOLLICLE- INFLAMMATION, CHRONIC	-	-	1	-	-	-
MAMMARY GLAND	N	U	N	N	N	N
SKELETAL MUSCLE	N	N	N	N	N	N
STOMACH	N	N	N	N	N	N
PANCREAS	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N
COLON	N	U	N	N	N	N
JEJUNUM	N	N	N	N	N	N
RECTUM MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	-	1
MESENTERIC LYMPH NODES HYPERPLASIA, LYMPHOID	N	N	N	1	N	1
THYMIC AREA CORTEX- ATROPHY HEMORRHAGE	1	-	-	1	1	-
SPLEEN HEMATOPOIETIC CELL PROLIFERATION	-	1	-	-	-	1
SALIVARY GLAND INFLAMMATION, CHRONIC	N	N	N	N	N	2
MANDIBULAR LYMPH NODE				U		U

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 1: CONTROL A
							SEX: FEMALE
ANIMAL ID:	422	423	424	425	426	427	
MANDIBULAR LYMPH NODE			U				
HYPERPLASIA, LYMPHOID	1	1	-	2	1	-	U
LIVER	N	N	N	N	N	N	
BILE DUCT- HYPERPLASIA	-	-	-	-	-	-	1
GALLBLADDER	N					N	
ECTOPIC TISSUE, PANCREAS	-	P	P	P	-	-	P
HYPERPLASIA, LYMPHOID	-	1	2	-	-	-	-
EYES	N	N	N	N	N	N	N
FEMUR	N	N	N	N	N	N	N
BONE MARROW, FEMUR	N	N	N	N	N	N	N
NOSE				N	N	N	N
MUCOSA- INFLAMMATION, CHRONIC	1	-	-	-	-	-	-
MUCOSAL GLANDS- INFLAMMATION, CHRONIC	-	2	-	-	-	-	-
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	1	-	-	-	-	-

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice	STUDY NUMBER: TP001F1 GROUP: 1: CONTROL A SEX: FEMALE					
	429	430	431	432	433	434
BRAIN	N	N	N	N	N	
BRAIN STEM- GLIOSIS	-	-	-	-	-	(2)
SPINAL CORD	N	N	N	N	N	N
SCIATIC NERVE	N	N	N	N	N	N
THYROID GLANDS		N	N			N
C CELL- HYPERPLASIA	1	-	-	-	-	-
CYSTIC FOLLICLES	-	-	-	2	1	-
PARATHYROID GLANDS	N		N	N	N	N
CYST	-	2L	-	-	-	-
ADRENAL GLAND	N	N	N	N	N	N
PITUITARY GLAND	N	N	N	N	N	N
KIDNEYS						
MINERALIZATION	1	11	2	1	1	1
RENAL TUBULE- DEGENERATION	-	-	1	-	-	1
OVARIES	N	N	N	N	N	N
UTERUS	N	N		N	N	
PIGMENT	-	-	2	-	-	2
OVIDUCTS	N	N	N		N	N
DILATATION	-	-	-	3	-	-
TRACHEA	N	N	N	N	N	N
ESOPHAGUS	N	N	N	N	N	N
URINARY BLADDER	N	N	N	N	N	N
AORTA	N	N	N	N	N	N

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 1: CONTROL A
							SEX: FEMALE
ANIMAL ID:	429	430	431	432	433	434	
LUNGS							
INTERSTITIUM- INFLAMMATION, SUBACUTE	1	-	-	-	-	-	-
INTERSTITIUM- INFLAMMATION, CHRONIC	-	-	-	-	3	-	-
METAPLASIA, OSSEOUS	1	1	1	1	-	-	1
HEART	N	N	N	N	N	N	N
SKIN	N	N	N	N	N	N	N
INFLAMMATION, ACUTE	-	-	1	-	-	-	-
MAMMARY GLAND							
MINERALIZATION	-	2	-	-	-	-	-
INFLAMMATION- CHRONIC	2	-	-	-	-	-	-
SKELETAL MUSCLE	N	N	N	N	N	N	N
STOMACH	N	N	N	N	N	N	N
MUCOSA- INFLAMMATION, CHRONIC	-	2	-	-	-	-	-
PANCREAS	N	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N	N
COLON	N	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N	N
RECTUM	N	N	N	N	N	N	N
MESENTERIC LYMPH NODES							
HYPERPLASIA, LYMPHOID	1	1	-	-	1	-	-
THYMIC AREA							
CORTEX- ATROPHY	-	-	1	-	2	-	-
HEMORRHAGE	2	-	-	-	-	-	-

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 1: CONTROL A SEX: FEMALE
ANIMAL ID:	429	430	431	432	433	434	
SPLEEN	N	N	N	N	N	N	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	U	N	U	N	N	-	1
LIVER BILE DUCT- HYPERPLASIA INFLAMMATION, SUBACUTE	N	-	N	N	-	-	N
GALLBLADDER ECTOPIC TISSUE, PANCREAS HYPERPLASIA, LYMPHOID	P	P	-	P	P	-	
EYES CONJUNCTIVA- INFLAMMATION- CHRONIC	1	1	-	-	2	-	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	2	1	-	-	-	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice	ANIMAL ID:	435	436	437	438	STUDY NUMBER: TP001F1 GROUP: 1: CONTROL A SEX: FEMALE
BRAIN		N	N	N	N	
SPINAL CORD		N	N	N	N	
SCIATIC NERVE		N	N	N	N	
THYROID GLANDS FOLLICULAR CELL- HYPERPLASIA		N	N	N	1	
PARATHYROID GLANDS		N	N	N	N	
ADRENAL GLAND		N	N	N	N	
PITUITARY GLAND		N	N	N	N	
KIDNEYS INTERSTITIUM- INFLAMMATION, CHRONIC MINERALIZATION		-	1L	-	-	
		1L	1I	1	1I	
OVARIES		N	N	N	N	
UTERUS		N	N	N	N	
OVIDUCTS DILATATION		3	-	-	-	
TRACHEA		N	N	N	N	
ESOPHAGUS		N	N	N	N	
URINARY BLADDER		N	N	N	N	
AORTA		N	N	N	N	
LUNGS INTERSTITIUM- INFLAMMATION, SUBACUTE INTERSTITIUM- INFLAMMATION, CHRONIC METAPLASIA, OSSEOUS		-	1	-	-	
		1	-	-	-	
		-	-	1	1	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP					STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice					GROUP: 1: CONTROL A SEX: FEMALE
ANIMAL ID:	435	436	437	438	
HEART	N	N	N	N	
SKIN INFLAMMATION, CHRONIC ACTIVE	2	-	-	-	
MAMMARY GLAND CYST	N	N	1	N	
SKELETAL MUSCLE	N	N	N	N	
STOMACH MUCOSA- INFLAMMATION, CHRONIC ACTIVE	N	N	2	N	
PANCREAS	N	N	N	N	
DUODENUM	N	N	N	N	
ILEUM	N	N	N	N	
COLON	N	N	N	N	
JEJUNUM	N	N	N	N	
RECTUM	N	N	N	N	
MESENTERIC LYMPH NODES HYPERPLASIA, LYMPHOID	N	1	1	N	
THYMIC AREA CORTEX- ATROPHY	2	3	N	N	
SPLEEN HEMATOPOIETIC CELL PROLIFERATION	1	-	1	2	
SALIVARY GLAND INFLAMMATION, CHRONIC	N	N	N	2	
MANDIBULAR LYMPH NODE	N				

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP					STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice					GROUP: 1: CONTROL A
					SEX: FEMALE
ANIMAL ID:	435	436	437	438	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	N	-	3	1	2
LIVER	N	N	N	N	
GALLBLADDER ECTOPIC TISSUE, PANCREAS HYPERPLASIA, LYMPHOID	N	-	-	-	P
EYES	N	N	N	N	
FEMUR	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	
NOSE MUCOSA- INFLAMMATION, CHRONIC MUCOSAL GLANDS- INFLAMMATION, CHRONIC NASOLACRIMAL DUCT- INFLAMMATION, SUBACUTE NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	N	1	-	-	
	-	1	-	-	
	-	1	-	-	
	-	-	1	-	
	-	1	-	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:	439	441	443	445	STUDY NUMBER: TP001F1	
					GROUP: 2: CONTROL B	SEX: FEMALE
BRAIN			N	N	N	N
CEREBRUM/MENINGES- MINERALIZATION	1	-	-	-	-	-
SPINAL CORD	N	N	N	N	N	N
SCIATIC NERVE	N	N	N	N	N	N
THYROID GLANDS				N	N	
C CELL- HYPERPLASIA	-	1	1	-	-	-
CYSTIC FOLLICLES	2	1	-	-	-	1
PARATHYROID GLANDS	N	U	N	N	N	N
ADRENAL GLAND	N	N	N	N	N	N
PITUITARY GLAND	N	N	N	N	N	N
KIDNEYS					N	
MINERALIZATION	II	II	II	II	-	II
PELVIS- INFLAMMATION, CHRONIC	-	2I	-	-	-	-
OVARIES	N	N	N	N	N	N
UTERUS	N	N	N	N	N	
ENDOMETRIUM- INFLAMMATION, CHRONIC	-	-	-	-	-	1
PIGMENT	-	-	-	-	-	1
OVIDUCTS	N	N	N	N	N	N
TRACHEA	N	N	N	N	N	N
ESOPHAGUS	N	N	N	N	N	N
URINARY BLADDER	N	N	N	N	N	N
AORTA	N	N	N	N	N	N
LUNGS				N		

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 2: CONTROL B
							SEX: FEMALE
ANIMAL ID:	439	441	443	445	446	447	
LUNGS					N		
METAPLASIA, OSSEOUS	1	1	2	-	1	1	
HEART	N	N	N	N	N	N	
SKIN	N	N		N	N		
INFLAMMATION, SUBACUTE	-	-	1	-	-	-	
INFLAMMATION, CHRONIC	-	-	-	-	-	1	
MAMMARY GLAND	N		N	U	N		
INFLAMMATION- CHRONIC	-	1	-	-	-	2	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH	N	N	N	N	N		
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	-	2	
MUCOSA- MINERALIZATION	-	-	-	-	-	1	
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON	N	N	N	N	N	N	
JEJUNUM	N	N	N	N	N	N	
RECTUM	N		N	N	N	N	
MUCOSA- MINERALIZATION	1	-	-	-	-	-	
MESENTERIC LYMPH NODES					N		
DEGENERATION, CYSTIC	1	-	-	-	-	-	
HYPERPLASIA, LYMPHOID	2	1	1	1	-	2	
THYMIC AREA	N		N	N			
CORTEX- ATROPHY	-	-	-	-	2	1	
HEMORRHAGE	-	1	-	-	-	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:	439	441	443	445	STUDY NUMBER: TP001F1	
					GROUP: 2: CONTROL B	SEX: FEMALE
SPLEEN					N	
HEMATOPOIETIC CELL PROLIFERATION	2	2	1	3	-	2
SALIVARY GLAND	N	N		N	N	N
INFLAMMATION, CHRONIC	-	-	2	-	-	-
MANDIBULAR LYMPH NODE						
HYPERPLASIA, LYMPHOID	1	1	1	2	1	1
LIVER			N		N	
BILE DUCT- HYPERPLASIA	1	-	1	-	2	1
GALLBLADDER					N	N
ECTOPIC TISSUE, PANCREAS	P	P	P	-	-	-
HYPERPLASIA, LYMPHOID	-	2	1	-	-	-
EYES	N	N	N	N	N	N
FEMUR	N	N	N	N	N	N
BONE MARROW, FEMUR	N	N	N	N	N	N
NOSE	N	N	N	N	N	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice	STUDY NUMBER: TP001F1 GROUP: 2: CONTROL B SEX: FEMALE					
ANIMAL ID:	448	449	450	451	452	453
BRAIN	N	N	N	N	N	
CHOROID PLEXUS- INFLAMMATION, CHRONIC	-	-	-	-	-	1
SPINAL CORD	N	N	N	N	N	N
SCIATIC NERVE	N	N	N	N	N	N
THYROID GLANDS	N	N	N		N	
C CELL- HYPERPLASIA	-	-	-	-	-	1
CYSTIC FOLLICLES	-	-	-	2	-	-
INFLAMMATION, CHRONIC	-	-	-	-	-	1
PARATHYROID GLANDS	N	N	N	N	N	U
ADRENAL GLAND	N	N	N	N	N	N
PITUITARY GLAND	N	N	N	N	N	N
KIDNEYS						
MINERALIZATION	II	II	II	II	II	1
OVARIES	N	N	N	N	N	N
UTERUS	N	N	N	N	N	N
OVIDUCTS	N	N	N	N	N	N
TRACHEA	N	N	N	N	N	N
ESOPHAGUS	N	N	N	N	N	N
URINARY BLADDER	N	N	N	N	N	N
AORTA	N	N	N	N	N	N
LUNGS						
METAPLASIA, OSSEOUS	1	-	1	1	1	-

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 2: CONTROL B
							SEX: FEMALE
ANIMAL ID:	448	449	450	451	452	453	
HEART	N	N	N	N	N	N	
SKIN	N	N	N	N	N	N	
MAMMARY GLAND	N		N	N	N	N	
CYST	-	-	-	-	-	-	1
INFLAMMATION- CHRONIC	-	1	-	-	-	-	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH	N	N	N		N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	2	-	-	
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON	N	N	N	N	N	N	
JEJUNUM	N	N	N	N	N	N	
RECTUM	N	N	N	N	N	N	
MESENTERIC LYMPH NODES	N	N			N	N	
HEMORRHAGE	-	-	1	-	-	-	
HYPERPLASIA, LYMPHOID	-	-	2	1	-	-	
THYMIC AREA		N		N		N	
CORTEX- ATROPHY	2	-	-	-	2	-	
HEMORRHAGE	-	-	1	-	-	-	
SPLEEN	N	N	N		2	2	
HEMATOPOIETIC CELL PROLIFERATION	-	-	-	2	2	2	
SALIVARY GLAND	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 2: CONTROL B
							SEX: FEMALE
ANIMAL ID:	448	449	450	451	452	453	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	1	U -	U -	2	2	U -	
LIVER BILE DUCT- HYPERPLASIA INFLAMMATION, SUBACUTE	-	-	1	1	-	-	N N
GALLBLADDER ECTOPIC TISSUE, PANCREAS HYPERPLASIA, LYMPHOID	-	-	P 1	P 1	-	-	N N
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE MUCOSA- HEMORRHAGE NASOLACRIMAL DUCT- FOREIGN BODY NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC ACTIVE	-	-	-	-	-	2	P - 2 -

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice	STUDY NUMBER: TP001F1 GROUP: 2: CONTROL B SEX: FEMALE					
ANIMAL ID:	455	456	457	458	459	460
BRAIN	N	N	N	N	N	N
SPINAL CORD	N	N	N	N	N	N
SCIATIC NERVE	N	N	N	N	N	N
THYROID GLANDS			N	N	N	N
CYSTIC FOLLICLES	-	-	1	-	-	1
INFLAMMATION, CHRONIC	1	-	-	-	-	1
PARATHYROID GLANDS	N	N	N	N	N	N
ADRENAL GLAND	N	N	N	N	N	N
PITUITARY GLAND	U	N	N	N	N	N
KIDNEYS						
MINERALIZATION	1	11	1L	1	1	1
OVARIES	N	N	N	N	N	N
UTERUS	N		N	N		N
ENDOMETRIUM- CYST	-	1	-	-	-	-
PIGMENT	-	-	-	-	2	-
OVIDUCTS	N		N	N	N	N
CYST	-	2	-	-	-	-
INFLAMMATION, CHRONIC	-	1	-	-	-	-
TRACHEA	N	N	N	N	N	N
ESOPHAGUS	N	N	N	N	N	N
URINARY BLADDER	N	N	N	N	N	N
AORTA	N	N	N	N	N	N
LUNGS			N			

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice	STUDY NUMBER: TP001F1 GROUP: 2: CONTROL B SEX: FEMALE					
ANIMAL ID:	455	456	457	458	459	460
LUNGS			N			
METAPLASIA, OSSEOUS	1	1	-	1	1	1
HEART	N	N	N	N	N	N
SKIN	N	N	N		N	N
HAIR FOLLICLE- INFLAMMATION, CHRONIC	-	-	-	2	-	-
MAMMARY GLAND	N	N	U	N		
CYST	-	-	-	-	2	2
SKELETAL MUSCLE	N	N	N	N	N	N
STOMACH	N	N	N	N	N	N
PANCREAS	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N
COLON	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N
RECTUM	N	N	N	N	N	N
MESENTERIC LYMPH NODES	N	N	N		N	N
HYPERPLASIA, LYMPHOID	-	-	-	1	-	-
THYMIC AREA	N		N	N	N	
CORTEX- ATROPHY	-	1	-	-	-	-
HEMORRHAGE	-	-	-	-	-	1
SPLEEN		N		N	N	
HEMATOPOIETIC CELL PROLIFERATION	2	-	2	-	-	1
CAPSULE- FIBROSIS	-	-	-	-	-	1

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 2: CONTROL B
							SEX: FEMALE
ANIMAL ID:	455	456	457	458	459	460	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	1	2	2	1	2	-	N
LIVER BILE DUCT- HYPERPLASIA	1	1	-	N	N	-	N
GALLBLADDER ECTOPIC TISSUE, PANCREAS HYPERPLASIA, LYMPHOID	-	P	-	-	-	1	3
EYES	N	N	N	N	N	N	N
FEMUR	N	N	N	N	N	N	N
BONE MARROW, FEMUR	N	N	N	N	N	N	N
NOSE NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	1	1	1	2	-	-	N

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP001F1	GROUP: 2: CONTROL B	SEX: FEMALE
	461	462	463	464	465	466			
BRAIN	N	N	N	N	N	N			
SPINAL CORD	N	N	N	N	N	N			
SCIATIC NERVE	N	N	N	N	N	N			
THYROID GLANDS INFLAMMATION, CHRONIC	N	N	N	-	1	-	N	N	
PARATHYROID GLANDS	N	N	N	U	N	N			
ADRENAL GLAND	N	N	N	N	N	N			
PITUITARY GLAND	N	N	N	N	N	N			
KIDNEYS							N		
MINERALIZATION	1	1	2	1I	1I	-			
RENAL TUBULE- DEGENERATION	1	-	-	1L	-	-			
OVARIES	N	N	N	N	N	N			
UTERUS PIGMENT	2	1	-	-	-	-			
OVIDUCTS	N	N	N	N	N	N			
TRACHEA	N	N	N	N	N	N			
ESOPHAGUS	N	N	N	-	N	N			
INFLAMMATION, CHRONIC	-	-	-	1	-	-			
URINARY BLADDER	N	N	N	N	N	N			
AORTA	N	N	N	N	N	N			
LUNGS					N				
INFILTRATING CELL, LYMPHOCYTE	-	-	-	-	-	-			
METAPLASIA, OSSEOUS	1	1	2	-	1	-	1	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice	STUDY NUMBER: TP001F1 GROUP: 2: CONTROL B SEX: FEMALE						
	ANIMAL ID:	461	462	463	464	465	466
HEART		N	N	N	N	N	N
SKIN			N	N	N	N	N
INFLAMMATION, ACUTE	1	-	-	-	-	-	-
MAMMARY GLAND		N	N	N	N	N	N
SKELETAL MUSCLE		N	N	N	N	N	N
STOMACH		N	N	N	N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	-	-	2
MUCOSA- MINERALIZATION	-	-	-	-	-	-	1
PANCREAS		N	N	N	N	N	N
DUODENUM		N	N	N	N	N	U
ILEUM		N	N	N	N	N	N
COLON		N	N	N	N	N	N
JEJUNUM		N	N	N	N	N	N
RECTUM		N	N	N	N	N	N
MESENTERIC LYMPH NODES				N	N	N	N
HYPERPLASIA, LYMPHOID	1	1	-	-	-	-	-
THYMIC AREA			N		N	N	N
CORTEX- ATROPHY	1	-	2	-	-	-	-
SPLEEN		N	N	N	N	N	N
HEMATOPOIETIC CELL PROLIFERATION	-	-	-	-	2	-	-
SALIVARY GLAND		N	N	N	N	N	N
MANDIBULAR LYMPH NODE		U		U	2	2	U
HYPERPLASIA, LYMPHOID	-	1	-	2	2	-	-

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 2: CONTROL B
							SEX: FEMALE
ANIMAL ID:	461	462	463	464	465	466	
LIVER	N	N	N	N	N	N	
GALLBLADDER			N		N	N	
ECTOPIC TISSUE, PANCREAS	-	P	-	P	-	-	
HYPERPLASIA, LYMPHOID	2	1	-	-	-	-	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE					N	N	
MUCOSA- INFLAMMATION, CHRONIC	1	-	1	-	-	-	
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	-	-	-	3	-	-	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	1	-	-	-	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

ANIMAL ID:	467	468	469	470	471	472	STUDY NUMBER: TP001F1
							GROUP: 2: CONTROL B
STUDY ID : DIMP FATE: Terminal Sacrifice	467	468	469	470	471	472	SEX: FEMALE
	BRAIN	N	N	N	N	N	N
	SPINAL CORD	N	N	N	N	N	N
	SCIATIC NERVE	N	N	N	N	N	N
	THYROID GLANDS	N		N			
	C CELL- HYPERPLASIA	-	-	-	1	-	1
	CYSTIC FOLLICLES	-	1	-		2	-
	INFLAMMATION, SUBACUTE	-	-	-	-	-	2
	PARATHYROID GLANDS	N	N	N	N	N	N
	ADRENAL GLAND	N	N	N	N	N	N
	PITUITARY GLAND	N	N	N	N	N	N
	KIDNEYS						
	MINERALIZATION	2	1	1	1I	1I	1I
	OVARIES	N	N	N	N	N	N
	UTERUS	N	N		N	N	N
	PIGMENT	-	-	2	-	-	-
	OVIDUCTS	N	N	N	N	N	N
	TRACHEA	N	N	N	N	N	N
	ESOPHAGUS	N	N	N	N	N	N
	URINARY BLADDER	N	N	N	N	N	N
	AORTA	N	N	N	N	N	N
	LUNGS	N					
	METAPLASIA, OSSEOUS	-	1	1	1	1	1

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLEPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP001F1	GROUP: 2: CONTROL B	SEX: FEMALE
	467	468	469	470	471	472			
HEART	N	N	N	N	N	N			
SKIN	N	N	N		N				
HAIR FOLLICLE- INFLAMMATION, CHRONIC	-	-	-	1	-	-			
HAIR FOLLICLE- ATROPHY	-	-	-	-	-	2			
MAMMARY GLAND	N	U			N				
CYST	-	-	-	-	-	2			
INFLAMMATION- ACUTE	-	-	2	-	-	1			
SKELETAL MUSCLE	N	N	N	N	N	N			
STOMACH	N	N	N	N	N	N			
PANCREAS	N	N	N	N	N	N			
DUODENUM	N	N	N	N	N	N			
ILEUM	N	N	N	N	N	N			
COLON		N	N	N	N	N			
GLAND- DILATATION	1	-	-	-	-	-			
JEJUNUM	N	N	N	N	N	N			
RECTUM	N	N	N	N	N	N			
MESENTERIC LYMPH NODES	N		N						
DEGENERATION, CYSTIC	-	1	-	-	-	-			
HYPERPLASIA, LYMPHOID	-	-	-	1	2	1			
THYMIC AREA	N	N	N	N		N			
HEMORRHAGE	-	-	-	-	-	1			
INFLAMMATION, CHRONIC	-	-	-	-	-	1			
SPLEEN	1	N	N	1	1	1			
HEMATOPOIETIC CELL PROLIFERATION	-	-	-	1	1	3			

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 2: CONTROL B
							SEX: FEMALE
ANIMAL ID:	467	468	469	470	471	472	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE	N	N	U	N	N	U	
LIVER	N	N	N	N			
BILE DUCT- HYPERPLASIA	-	-	-	-	1	1	
NECROSIS	-	-	-	-	(2)	-	
GALLBLADDER	N	N		N		N	
ECTOPIC TISSUE, PANCREAS	-	-	P	-	P	-	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N		N	N		N	
MUCOSA- INFLAMMATION, CHRONIC	-	1	-	-	-	-	
MUCOSAL GLANDS- INFLAMMATION, CHRONIC	-	-	-	-	2	-	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	-	-	-	1	-	
MESENTERY					2		
FAT- NECROSIS	-	-	-	-			

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP					STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice					GROUP: 2: CONTROL B
					SEX: FEMALE
ANIMAL ID:	473	474	476	477	
BRAIN	N	N	N	N	
SPINAL CORD	N	N	N	N	
SCIATIC NERVE	N	N	N	N	
THYROID GLANDS CYSTIC FOLLICLES	1	-	-	-	
PARATHYROID GLANDS	N	N	N	N	
ADRENAL GLAND	N	N	N	N	
PITUITARY GLAND	N	N	N	N	
KIDNEYS					
MINERALIZATION	11	11	11	11	
RENAL TUBULE- DEGENERATION	11	-	-	-	
OVARIES	N	N	N	N	
UTERUS	N		N		
ENDOMETRIUM- CYST	-	-	-	1	
PIGMENT	-	1	-	-	
OVIDUCTS	N	N	N	N	
TRACHEA	N	N	N	N	
ESOPHAGUS	N	N	N	N	
URINARY BLADDER	N	N	N	N	
AORTA	N	U	N	N	
LUNGS	N				
METAPLASIA, OSSEOUS	-	1	1	-	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP					STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice					GROUP: 2: CONTROL B
					SEX: FEMALE
ANIMAL ID:	473	474	476	477	
HEART	N	N	N	N	
SKIN	N	N	N	N	
MAMMARY GLAND CYST	U -	3	N -	N -	
SKELETAL MUSCLE	N	N	N	N	
STOMACH	N	N	N	N	
PANCREAS INFLAMMATION, SUBACUTE	N -	1	N -	N -	
DUODENUM	N	N	N	N	
ILEUM	N	N	N	N	
COLON	N	N	N	N	
JEJUNUM	N	N	N	N	
RECTUM	N	N	N	N	
MESENTERIC LYMPH NODES HYPERPLASIA, LYMPHOID	N -	1	N -	N -	
THYMIC AREA CORTEX- ATROPHY	N -	N -	1	N -	
SPLEEN HEMATOPOIETIC CELL PROLIFERATION	1	1	N -	N -	
SALIVARY GLAND	N	N	N	N	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	2	1	U -	1	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP	STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice	GROUP: 2: CONTROL B
	SEX: FEMALE

ANIMAL ID:	473	474	476	477
LIVER				N
INFLAMMATION, SUBACUTE	1	1	1	-
GALLBLADDER		N	N	N
HYPERPLASIA, LYMPHOID	2	-	-	-
EYES	N	N	N	N
FEMUR	N	N	N	N
BONE MARROW, FEMUR	N	N	N	N
NOSE		N	N	N
MUCOSA- HEMORRHAGE	3	-	-	-
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	2	-	-	-
TOOTH				
ABSCESS	-	-	-	3

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 3: 150 ppm
							SEX: FEMALE
ANIMAL ID:	478	479	480	481	483	484	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS		N	N	N	N	N	
CYSTIC FOLLICLES	-	-	-	-	-	-	2
INFLAMMATION, SUBACUTE	1	-	-	-	-	-	
PARATHYROID GLANDS	N	N	N	N	N	N	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND	N	N	N	N	N	N	
KIDNEYS							
MINERALIZATION	II	II	II	-	II	II	
RENAL TUBULE- DEGENERATION	-	-	-	II	-	-	
OVARIES	N	N	N	N	N	N	
UTERUS	N	N	N	N	N	N	
PIGMENT	-	-	-	-	-	-	1
OVIDUCTS	N	N	N	N	N	N	
CYST	-	-	-	-	-	-	1
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N		N	N	N	N	
INFLAMMATION, SUBACUTE	-	1	-	-	-	-	
AORTA	N	N	N	N	N	N	
LUNGS		N	N				

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 3: 150 ppm
							SEX: FEMALE
ANIMAL ID:	478	479	480	481	483	484	
LUNGS		N	N				
INFILTRATING CELL, LYMPHOCYTE	-	-	-	-	-	-	1
METAPLASIA, OSSEOUS	1	-	-	1	1	-	
HEART	N	N	N	N	N	N	
SKIN			N	N	N	N	
HAIR FOLLICLE- INFLAMMATION, CHRONIC	-	1	-	-	-	-	
HAIR FOLLICLE- ATROPHY	1	-	-	-	-	-	
INFLAMMATION, SUBACUTE	1	-	-	-	-	-	
MAMMARY GLAND		N	N	N	N	N	
CYST	1	-	-	-	-	-	
INFLAMMATION- CHRONIC ACTIVE	2	-	-	-	-	-	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH	N	N	N	N	N	N	
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON	N	N	N	N	N	N	
JEJUNUM	N	N	N	N	N	N	
RECTUM	N	N		N	N		
GLAND- DILATATION	-	-	-	-	-	-	1
MUCOSA- INFLAMMATION, CHRONIC	-	-	1	-	-	-	
MESENTERIC LYMPH NODES	N	N	N	N			
HYPERPLASIA, LYMPHOID	-	-	-	-	1	1	
THYMIC AREA	N		N	N			
CORTEX- ATROPHY	-	2	-	-	1	1	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 3: 150 ppm
							SEX: FEMALE
ANIMAL ID:	478	479	480	481	483	484	
SPLEEN		N			N	N	
HEMATOPOIETIC CELL PROLIFERATION	2	-	2	2	-	-	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE	U						
HYPERPLASIA, LYMPHOID	-	1	3	1	1	1	
LIVER					N		
BILE DUCT- HYPERPLASIA	1	1	-	-	1	1	
INFLAMMATION, SUBACUTE	-	-	1	-	-	-	
PIGMENT	2	-	-	-	-	-	
GALLBLADDER		N				N	
ECTOPIC TISSUE, PANCREAS	-	-	P	-	-	-	
HYPERPLASIA, LYMPHOID	1	-	1	1	1	-	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N			N	
BONE- INFLAMMATION, CHRONIC	-	-	-	-	2	-	
MUCOSAL GLANDS- INFLAMMATION, CHRONIC	-	-	-	-	1	-	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	-	-	1	1	-	
DIAPHRAGM							
FAT- NECROSIS	3	-	-	-	-	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 3: 150 ppm
							SEX: FEMALE
ANIMAL ID:	485	486	488	489	490	491	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS	N		N			N	
C CELL- HYPERPLASIA	-	-	-	1	1	-	
CYSTIC FOLLICLES	-	1	-	-	-	-	
PARATHYROID GLANDS	U	N	N	N	U	N	
ADRENAL GLAND					N	N	
INFLAMMATION, SUBACUTE	II	-	-	-	-	-	
PIGMENT	-	2I	II	-	-	-	
PITUITARY GLAND	N	N	N	N	N	N	
KIDNEYS		N				N	
INTERSTITIUM- INFLAMMATION, SUBACUTE	-	-	-	-	1L	-	
MINERALIZATION	II	-	2I	II	II	-	
RENAL TUBULE- DEGENERATION	II	-	-	-	-	-	
RENAL TUBULE- DILATATION	-	-	2I	-	-	-	
OVARIES	N	N	N	N	N	N	
UTERUS	N		N	N			
ENDOMETRIUM- CYST	-	-	-	-	1	-	
PIGMENT	-	1	-	-	-	1	
OVIDUCTS	N	N	N	N		N	
CYST	-	-	-	-	2	-	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N		N	N	N	

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 3: 150 ppm
							SEX: FEMALE
ANIMAL ID:	485	486	488	489	490	491	
URINARY BLADDER	N	N		N	N	N	
INFLAMMATION, SUBACUTE	-	-	1	-	-	-	
AORTA	N	N	N	N	N	N	
LUNGS				N			
METAPLASIA, OSSEOUS	1	1	-	1	1	1	
HEART	N	N	N	N	N	N	
SKIN	N	N	N	N	N	N	
MAMMARY GLAND	N	N	U	N	U	N	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH	N	N	N	N	N	N	
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON	N	N		N	N	N	
GLAND- DILATATION	-	-	1	-	-	-	
JEJUNUM	N	N	N	N	N	N	
RECTUM	N	-	N	N	-	N	
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	1	-	
MUCOSA- MINERALIZATION	-	1	-	-	-	-	
MESENTERIC LYMPH NODES				N	N	N	
ABSCESS	3	-	-	-	-	-	
HYPERPLASIA, LYMPHOID	-	1	1	-	-	-	
THYMIC AREA				N	N	N	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 3: 150 ppm
							SEX: FEMALE
ANIMAL ID:	485	486	488	489	490	491	
THYMIC AREA				N	N	N	
CORTEX- ATROPHY	1	2	-	-	-	2	
SPLEEN							N
HEMATOPOIETIC CELL PROLIFERATION	2	1	2	2	1	-	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE							N
HYPERPLASIA, LYMPHOID	2	1	2	2	2	-	
LIVER			N				N
BILE DUCT- HYPERPLASIA	-	-	1	1	1	-	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	-	-	-	1	-	-	
INFLAMMATION, SUBACUTE	1	-	-	-	-	-	
GALLBLADDER				N	N		N
ECTOPIC TISSUE, PANCREAS	-	P	-	-	P	-	
HYPERPLASIA, LYMPHOID	3	2	-	-	1	-	
EYES	N	N		N	N	N	
CORNEA- INFLAMMATION, CHRONIC ACTIVE	-	-	3L	-	-	-	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE					N	N	
BONE- INFLAMMATION, CHRONIC	2	-	-	-	-	-	
MUCOSA- INFLAMMATION, CHRONIC	-	(3)	-	(2)	-	-	
MUCOSAL GLANDS- INFLAMMATION, CHRONIC	-	1	-	-	-	-	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	-	2	-	-	-	
TOOTH							
ABSCESS	-	-	-	4	-	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice	STUDY NUMBER: TP001F1 GROUP: 3: 150 ppm SEX: FEMALE					
ANIMAL ID:	492	494	496	497	498	499
BRAIN	N	N	N	N	N	N
SPINAL CORD	N	N	N	N	N	N
SCIATIC NERVE	N	N	N	N	N	N
THYROID GLANDS CYSTIC FOLLICLES	II	-	II	-	-	-
PARATHYROID GLANDS	N	N	N	N	U	N
ADRENAL GLAND	N	N	N	N	N	N
PITUITARY GLAND	N	N	N	N	N	N
KIDNEYS						
INTERSTITIUM- INFLAMMATION, SUBACUTE	-	(1)	-	-	-	-
METAPLASIA OSSEOUS	-	(1)	-	-	-	-
MINERALIZATION	II	II	II	II	1L	2I
RENAL TUBULE- DEGENERATION	-	-	-	II	1L	2I
OVARIES	N	N	N	N	N	N
UTERUS	N	N	N	N	N	N
OVIDUCTS	N	N	N	N	N	N
TRACHEA	N	N	N	N	N	N
ESOPHAGUS	N	N	N	N	N	N
URINARY BLADDER	N	N	N	N	N	N
AORTA	N	N	N	N	N	N
LUNGS						
METAPLASIA, OSSEOUS	1	1	-	-	1	-

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice	ANIMAL ID:	492	494	496	497	498	499	STUDY NUMBER: TP001F1 GROUP: 3: 150 ppm SEX: FEMALE
HEART		N	N	N	N	N	N	
SKIN		N	N	N	N	N	N	
MAMMARY GLAND		N	N	N	N	N	N	
SKELETAL MUSCLE		N	N	N	N	N	N	
STOMACH		N	N	N	N	N	N	
PANCREAS		N	N	N	N	N	N	
DUODENUM		N	N	N	N	N	N	
ILEUM		N	N	N	N	N	N	
COLON		N	N	N	N	N	N	
JEJUNUM		N	N	N	N	N	N	
RECTUM								
MUCOSA- INFLAMMATION, CHRONIC		1	-	-	-	-	-	
MESENTERIC LYMPH NODES		N	N					
HYPERPLASIA, LYMPHOID		-	-	1	-	1	-	
THYMIC AREA		N	N	N	N	N	N	
CORTEX- ATROPHY		1	-	-	-	-	-	
SPLEEN		N	N	N				
HEMATOPOIETIC CELL PROLIFERATION		-	-	-	1	-	1	
SALIVARY GLAND		N	N	N	N	N	N	
MANDIBULAR LYMPH NODE		N	N					
HYPERPLASIA, LYMPHOID		1	-	2	-	-	1	
LIVER		N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 3: 150 ppm
							SEX: FEMALE
ANIMAL ID:	492	494	496	497	498	499	
LIVER	N	N	N	N			N
BILE DUCT- HYPERPLASIA	-	-	-	-	1		-
GALLBLADDER			N				
ECTOPIC TISSUE, PANCREAS	-	P	-	P	-		-
HYPERPLASIA, LYMPHOID	2	-	-	-	2	1	
EYES	N	N	N	N	N	N	N
FEMUR	N	N	N	N	N	N	N
BONE MARROW, FEMUR	N	N	N	N	N	N	N
NOSE	N	N	N	N			
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	-	-	-	1	1	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

ANIMAL ID:							STUDY NUMBER: TP001F1 GROUP: 3: 150 ppm SEX: FEMALE
	500	501	503	504	505	507	
BRAIN	N	N	N	N	N	N	N
SPINAL CORD	N	N	N	N	N	N	N
SCIATIC NERVE	N	N	N	N	N	N	N
THYROID GLANDS CYSTIC FOLLICLES	N	-	II	II	-	-	-
PARATHYROID GLANDS	U	N	N	U	N	N	N
ADRENAL GLAND	N	N	N	N	N	N	N
PITUITARY GLAND	N	N	N	U	N	N	N
KIDNEYS					N		
INFARCT	3L	-	-	-	-	-	-
MINERALIZATION	1I	II	II	-	2I	II	II
RENAL TUBULE- DEGENERATION	-	2I	-	-	1I	2I	
OVARIES	N	N	N	N	N	N	N
UTERUS	N	N	N	N	N	N	N
OVIDUCTS INFLAMMATION, CHRONIC	N	N	N	N	N		2L
TRACHEA	N	N	N	N	N	N	N
ESOPHAGUS	N	N	N	N	N	N	N
URINARY BLADDER	N	N	N	N	N	N	N
AORTA	N	N	N	N	N	N	N
LUNGS	N	N		N		N	
METAPLASIA, OSSEOUS	-	-	1	-	1	-	-
PLEURA- INFLAMMATION, CHRONIC	-	-	1	-	-	-	-

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 3: 150 ppm
							SEX: FEMALE
ANIMAL ID:	500	501	503	504	505	507	
HEART	N	N	N	N	N		
VALVE- HYPERTROPHY	-	-	-	-	-	2	
SKIN	N	N	N	N	N		
HAMMARY GLAND	N	N		N	N		
CYST	-	-	3	-	-	-	
SKELETAL MUSCLE	N	N	N	N	N		
STOMACH	N	N	N	N	N		
PANCREAS	N	N	N	N	N		
DUODENUM	N	N	N	N	N		
ILEUM	N	N	N	N	N		
COLON	N	N	N	N	N		
JEJUNUM	N	N	N	N	N		
RECTUM	N	N	N	N	N		
MESENTERIC LYMPH NODES	N	N	N				
HYPERPLASIA, LYMPHOID	-	-	-	1	1	-	
THYMIC AREA	N	N	N	N	N		
SPLEEN	N		N				
HEMATOPOIETIC CELL PROLIFERATION	-	1	-	1	1	1	
SALIVARY GLAND	N	N	N	N	N		
HANDIBULAR LYMPH NODE				U			
HYPERPLASIA, LYMPHOID	2	1	2	-	1	-	
LIVER	N		N	N	N		

See Reports Code Table for Symbol Definitions

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 3: 150 ppm
							SEX: FEMALE
ANIMAL ID:	500	501	503	504	505	507	
LIVER	N		N	N	N	N	
INFLAMMATION, CHRONIC	-	1	-	-	-	-	
GALLBLADDER			N			N	
ECTOPIC TISSUE, PANCREAS	P	P	-	P	P	-	
HYPERPLASIA, LYMPHOID	1	1	-	2	-	-	
EYES	N	N	N	N	N	N	
FEMUR	N	N	N	N	N	N	
BONE MARROW, FEMUR	N	N	N	N	N	N	
NOSE	N	N	N	N	N	N	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	-	-	-	-	1	
GINGIVA							
INFLAMMATION- CHRONIC	-	-	-	-	1	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 3: 150 ppm
							SEX: FEMALE
ANIMAL ID:	508	509	510	511	512	513	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS			N		N	N	
CYSTIC FOLLICLES	1	-	1	-	-	1	
INFLAMMATION, SUBACUTE	1	-	-	-	-	-	
PARATHYROID GLANDS	N	N	U	N	N	N	
ADRENAL GLAND	N	N		N	N	N	
INFLAMMATION, SUBACUTE	-	-	1L	-	-	-	
PITUITARY GLAND	N	N	N	N	N	N	
KIDNEYS					N		
INTERSTITIUM- INFLAMMATION, SUBACUTE	-	-	1L	-	-	-	
MINERALIZATION	1I	1I	1I	1L	-	1I	
OVARIES	N	N	N	N	N	N	
UTERUS	N	N		N	N	N	
LUMEN- EXUDATE	-	-	2	-	-	-	
LUMEN- DILATATION	-	-	1	-	-	-	
PIGMENT	-	-	1	-	-	-	
OVIDUCTS	N	N	N	N	N	N	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice	STUDY NUMBER: TP001F1 GROUP: 3: 150 ppm SEX: FEMALE					
ANIMAL ID:	508	509	510	511	512	513
LUNGS	N				N	
METAPLASIA, OSSEOUS	-	1	1	1	-	1
HEART	N	N	N	N	N	N
SKIN	N	N	N	N	N	
HAIR FOLLICLE- INFLAMMATION, CHRONIC	-	-	-	-	-	1
MAMMARY GLAND	U	N	N	N	N	N
SKELETAL MUSCLE	N	N	N	N	N	N
STOMACH	N	N	N	N	N	N
PANCREAS	N	N	N	N	N	N
DUODENUM	N	N	N	N	N	N
ILEUM	N	N	N	N	N	N
COLON	N	N	N	N	N	N
JEJUNUM	N	N	N	N	N	N
RECTUM	N	N	N	N		
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	-	1	1
MESENTERIC LYMPH NODES	N				N	
HYPERPLASIA, LYMPHOID	-	1	1	-	2	1
THYMIC AREA	N	N		N	N	N
CORTEX- ATROPHY	-	-	1	-	-	-
SPLEEN	N			N		
HEMATOPOIETIC CELL PROLIFERATION	-	1	-	-	2	2
SALIVARY GLAND	N	N	N	N	N	N

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 3: 150 ppm
<hr/>							
ANIMAL ID:	508	509	510	511	512	513	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	1	1	1	1	1	-	U
LIVER INFLAMMATION, SUBACUTE	N	N	N	-	N	-	N
GALLBLADDER ECTOPIC TISSUE, PANCREAS HYPERPLASIA, LYMPHOID	P	-	-	-	-	-	N
EYES	N	N	N	N	N	N	N
FEMUR	N	N	N	N	N	N	N
BONE MARROW, FEMUR	N	N	N	N	N	N	N
NOSE NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	1	-	-	-	1	-	N
MESENTERY FAT- NECROSIS	-	-	-	-	2	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP				STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice				GROUP: 3: 150 ppm SEX: FEMALE
ANIMAL ID:	514	515	516	
BRAIN	N	N	N	
SPINAL CORD	N	N	N	
SCIATIC NERVE	N	N	N	
THYROID GLANDS			N	
C CELL- HYPERPLASIA	-	2	-	
CYSTIC FOLLICLES	1	-	-	
PARATHYROID GLANDS	N	N	N	
ADRENAL GLAND	N	N	N	
PITUITARY GLAND	N	N	N	
KIDNEYS				
MINERALIZATION	II	-	1L	
RENAL TUBULE- DEGENERATION	II	II	-	
OVARIES	N	N	N	
UTERUS		N		
PIGMENT	2	-	1	
OVIDUCTS	N	N	N	
TRACHEA	N	N	N	
ESOPHAGUS	N	N	N	
URINARY BLADDER	N	N	N	
AORTA	N	N	N	
LUNGS				
METAPLASIA, OSSEOUS	1	1	1	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP
 FATE: Terminal Sacrifice

STUDY NUMBER: TP001F1
 GROUP: 3: 150 ppm
 SEX: FEMALE

ANIMAL ID:	514	515	516
HEART	N	N	N
SKIN	N	N	N
MAMMARY GLAND	N	N	N
SKELETAL MUSCLE	N	N	N
STOMACH	N	N	N
PANCREAS	N	N	N
DUODENUM	N	N	N
ILEUM	N	N	N
COLON	N	N	N
JEJUNUM	N	N	N
RECTUM	N	N	
MUCOSA- INFLAMMATION, CHRONIC	-	-	2
MUCOSA- MINERALIZATION	-	-	1
MESENTERIC LYMPH NODES			
HYPERPLASIA, LYMPHOID	1	1	-
THYMIC AREA			
CORTEX- ATROPHY	-	-	1
SPLEEN	N	N	N
SALIVARY GLAND	N	N	N
MANDIBULAR LYMPH NODE	U		
HYPERPLASIA, LYMPHOID	-	1	1
LIVER	N	N	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

**PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001**

TABULATED ANIMAL DATA

STUDY ID : DIMP				STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice				GROUP: 3: 150 ppm
				SEX: FEMALE
ANIMAL ID:	514	515	516	
LIVER		N	N	
INFLAMMATION, SUBACUTE	1	-	-	
GALLBLADDER			N	
HYPERPLASIA, LYMPHOID	3	2	-	
EYES	N	N	N	
FEMUR	N	N	N	
BONE MARROW, FEMUR	N	N	N	
NOSE			N	
NASOLACRIMAL DUCT- FOREIGN BODY	P	-	-	
NASOLACRIMAL DUCT- INFLAMMATION, ACUTE	1	-	-	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	2	-	

See Reports Code Table for Symbol Definitions

LABCAT HP4.11

15-APR-1997

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 4: 450 ppm
<hr/>							SEX: FEMALE
ANIMAL ID:	517	518	521	522	523	524	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS	N		N				N
C CELL- HYPERPLASIA	-	1	-	1	-	-	
CYSTIC FOLLICLES	-	-	-	1	-	-	
INFLAMMATION, SUBACUTE	-	-	-	-	1	-	
PARATHYROID GLANDS	N	U	N	U	N	N	
ADRENAL GLAND	N	N	N		N	N	
PIGMENT	-	-	-	II	-	-	
PITUITARY GLAND	N	N	N	N	N	N	
KIDNEYS					N		
MINERALIZATION	II	II	2I	-	II	2I	
RENAL TUBULE- DEGENERATION	-	-	1L	-	-	II	
OVARIES	N	N	N	N	N	N	
UTERUS		N	N	N	N	N	
PIGMENT	2	-	-	-	-	1	
OVIDUCTS	N		N	N	N	N	
CYST	-	1	-	-	1	-	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 4: 450 ppm
<hr/>							SEX: FEMALE
ANIMAL ID:	517	518	521	522	523	524	
LUNGS							
METAPLASIA, OSSEOUS	1	1	1	-	-	1	
HEART	N	N	N	N	N	N	
SKIN	N		N	N		N	
INFLAMMATION, SUBACUTE	-	-	-	-	1	-	
INFLAMMATION, CHRONIC ACTIVE	-	2	-	-	-	-	
MAMMARY GLAND	N	N	U	U	N	N	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH	N	N	N	N	N	N	
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON	N	N	N	N	N	N	
JEJUNUM	N	N	N	N	N	N	
RECTUM	N	N	N	N	N	N	
MESENTERIC LYMPH NODES	N				N	N	
HYPERPLASIA, LYMPHOID	-	1	2	2	-	-	
THYMIC AREA	N	N	N	N		N	
CORTEX- ATROPHY	-	-	-	-	1	-	
SPLEEN	N				N	N	
HEMATOPOIETIC CELL PROLIFERATION	1	-	2	2	-	-	
SALIVARY GLAND	N				N	N	
INFLAMMATION, SUBACUTE	-	-	-	-	1	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 4: 450 ppm
							SEX: FEMALE
ANIMAL ID:	517	518	521	522	523	524	
SALIVARY GLAND INFLAMMATION, CHRONIC	1	N	N	N	-	-	N
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID	1	1	2	-	2	1	U
LIVER BILE DUCT- HYPERPLASIA INFLAMMATION, SUBACUTE	-	1	1	-	-	-	N
GALLBLADDER ECTOPIC TISSUE, PANCREAS HYPERPLASIA, LYMPHOID	-	2	2	1	2	-	P
EYES	N	N	N	N	N	N	N
FEMUR	N	N	N	N	N	N	N
BONE MARROW, FEMUR	N	N	N	N	N	N	N
NOSE MUCOSAL GLANDS- INFLAMMATION, CHRONIC NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	2	-	-	-	-	1	N
	-	-	1	1	1	-	-

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 4: 450 ppm
-----							SEX: FEMALE
ANIMAL ID:	525	526	527	528	529	530	
BRAIN	N	N	N	N	N	N	
SPINAL CORD	N	N	N	N	N	N	
SCIATIC NERVE	N	N	N	N	N	N	
THYROID GLANDS				N	N	N	
C CELL- HYPERPLASIA	1	1	-	-	-	-	
CYSTIC FOLLICLES	1	-	-	-	-	-	
FOLLICULAR CELL- HYPERPLASIA	(1)	-	-	-	-	-	
INFLAMMATION, SUBACUTE	-	1	1	-	-	-	
PARATHYROID GLANDS	U	U	N	N	N	N	
ADRENAL GLAND	N	N	N	N	N	N	
PITUITARY GLAND	N	N	N	N	N	N	
KIDNEYS							
CYST	1L	-	-	-	-	-	
INTERSTITIUM- INFLAMMATION, SUBACUTE	-	-	-	-	-	1I	
INTERSTITIUM- INFLAMMATION, CHRONIC	1	-	-	1I	-	-	
MINERALIZATION	1I	1I	1I	-	1I	2I	
PELVIS- CALCULUS	2I	-	-	-	-	-	
RENAL TUBULE- DEGENERATION	1I	-	-	-	-	2I	
OVARIES	N	N	N	N	N	N	
UTERUS	N				N		
PIGMENT	-	1	2	2	-	1	
OVIDUCTS							
CYST	1	-	-	-	-	-	
TRACHEA	N	N	N	N	N	N	
ESOPHAGUS	N	N	N	N	N	N	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP							STUDY NUMBER: TP001F1
FATE: Terminal Sacrifice							GROUP: 4: 450 ppm
							SEX: FEMALE
ANIMAL ID:	525	526	527	528	529	530	
URINARY BLADDER	N	N	N	N	N	N	
AORTA	N	N	N	N	N	N	
LUNGS							
INTERSTITIUM- INFLAMMATION, CHRONIC	-	-	1	-	-	-	
METAPLASIA, OSSEOUS	1	1	-	1	1	1	
HEART	N	N	N	N	N	N	
SKIN		N	N	N	N	N	
HAIR FOLLICLE- INFLAMMATION, CHRONIC	1	-	-	-	-	-	
MAMMARY GLAND	N		N	N		N	
CYST	-	-	-	-	2	-	
INFLAMMATION- CHRONIC	-	2	-	-	-	-	
INFLAMMATION- CHRONIC ACTIVE	-	-	-	-	2	-	
SKELETAL MUSCLE	N	N	N	N	N	N	
STOMACH	N	N	N	N	N	N	
PANCREAS	N	N	N	N	N	N	
DUODENUM	N	N	N	N	N	N	
ILEUM	N	N	N	N	N	N	
COLON	N	N	N	N	N	N	
JEJUNUM	N	N	N	N	N	N	
RECTUM	N		N	N	1	N	
MUCOSA- INFLAMMATION, CHRONIC	-	1	-	-	1	-	
MESENTERIC LYMPH NODES	N	N	N			N	
DEGENERATION, CYSTIC	-	-	-	1	-	-	
HYPERPLASIA, LYMPHOID	-	-	-	1	1	-	

See Reports Code Table for Symbol Definitions

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK
FED DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

TABULATED ANIMAL DATA

STUDY ID : DIMP FATE: Terminal Sacrifice							STUDY NUMBER: TP001F1 GROUP: 4: 450 ppm SEX: FEMALE
ANIMAL ID:	525	526	527	528	529	530	
THYMIC AREA CORTEX- ATROPHY		N	N	N	N	N	
	1	-	-	-	-	-	
SPLEEN HEMATOPOIETIC CELL PROLIFERATION		2	1	-	2	-	
SALIVARY GLAND	N	N	N	N	N	N	
MANDIBULAR LYMPH NODE HYPERPLASIA, LYMPHOID		1	1	1	U	2	2
					-		
LIVER	N				N		N
BILE DUCT- HYPERPLASIA	-	1	1	-	1	-	
HEPATOCYTE- VACUOLIZATION, CYTOPLASMIC	-	-	-	-	2	-	
INFLAMMATION, SUBACUTE	-	2	-	-	-	-	
GALLBLADDER	N			N			N
ECTOPIC TISSUE, PANCREAS	-	P	-	P	-	-	
HYPERPLASIA, LYMPHOID	-	-	-	2	2	-	
EYES	N	N	N	N	N	N	N
FEMUR	N	N	N	N	N	N	N
BONE MARROW, FEMUR	N	N	N	N	N	N	N
NOSE			N	N			N
MUCOSA- INFLAMMATION, CHRONIC	-	-	-	1	-	-	
MUCOSA- INFLAMMATION, CHRONIC ACTIVE	2	-	-	-	-	-	
MUCOSAL GLANDS- INFLAMMATION, CHRONIC	-	-	-	-	2	-	
NASOLACRIMAL DUCT- INFLAMMATION, CHRONIC	-	-	-	1	-	-	

See Reports Code Table for Symbol Definitions