

TDMS No. 20313 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

Acrylamide
CAS Number: 79-06-1

Date Report Requested: 01/15/2010
Time Report Requested: 14:38:52
First Dose M/F: 05/26/05 / 05/26/05
Lab: NCTR

C Number: C20313
Lock Date: 01/14/2010
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.2.0

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 ACRYL 0.35 ACRYL 0.175 ACRYL 0.0875 ACRYL CONTROL WATER

Disposition Summary

	0.70 ACRYL	0.35 ACRYL	0.175 ACRYL	0.0875 ACRYL	CONTROL WATER
Animals Initially In Study	48	48	48	48	48
Early Deaths					
Moribund Sacrifice	9	7	4	5	2
Natural Death	7	3	3	2	6
Survivors					
Moribund Sacrifice	3		4		1
Natural Death	1			2	
Terminal Sacrifice	28	38	37	39	39
Animals Examined Microscopically	48	48	48	48	48

ALIMENTARY SYSTEM

Gallbladder	(41)	(45)	(45)	(42)	(43)
Inflammation, Suppurative		1 (2%)			
Inflammation, Chronic Active	1 (2%)				
Lumen, Dilatation					1 (2%)
Intestine Large, Cecum	(40)	(46)	(45)	(44)	(43)
Hyperplasia, Lymphoid		1 (2%)	2 (4%)	6 (14%)	4 (9%)
Intestine Small, Duodenum	(40)	(45)	(45)	(44)	(43)
Hyperplasia, Lymphoid			1 (2%)		
Intestine Small, Ileum	(41)	(46)	(45)	(44)	(43)
Angiectasis	1 (2%)				
Hyperplasia, Lymphoid				1 (2%)	1 (2%)
Intestine Small, Jejunum	(42)	(46)	(45)	(44)	(44)
Hyperplasia, Lymphoid	2 (5%)	1 (2%)	1 (2%)	1 (2%)	
Inflammation, Suppurative		1 (2%)			
Necrosis		1 (2%)			
Liver	(47)	(46)	(47)	(48)	(46)
Angiectasis		1 (2%)			
Basophilic Focus	1 (2%)	1 (2%)	1 (2%)	3 (6%)	
Basophilic Focus, Multiple		1 (2%)			
Hematopoietic Cell Proliferation	2 (4%)		2 (4%)		
Infiltration Cellular, Lymphocyte		2 (4%)		1 (2%)	3 (7%)
Inflammation, Chronic			1 (2%)		

a - Number of animals examined microscopically at site and number of animals with lesion

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Inflammation, Chronic Active Necrosis	1 (2%)		2 (4%)	2 (4%)	2 (4%)
Thrombosis					1 (2%)
Vacuolization Cytoplasmic Mesentery	(0)	1 (2%) (1)	(0)	(1)	(0)
Fat, Necrosis		1 (100%)		1 (100%)	
Oral Mucosa	(0)	(0)	(0)	(0)	(1)
Pancreas	(46)	(47)	(47)	(46)	(45)
Edema					1 (2%)
Infiltration Cellular, Lymphocyte Inflammation, Chronic Active		3 (6%)	3 (6%)	2 (4%)	2 (4%)
Acinus, Degeneration	1 (2%)	3 (6%)	4 (9%)	5 (11%)	3 (7%)
Duct, Dilatation	2 (4%)	1 (2%)	1 (2%)	1 (2%)	
Salivary Glands	(45)	(47)	(47)	(46)	(45)
Infiltration Cellular, Lymphocyte Inflammation, Chronic Active	13 (29%) 1 (2%)	18 (38%)	23 (49%)	20 (43%)	17 (38%)
Stomach, Forestomach	(44)	(47)	(46)	(45)	(46)
Keratin Cyst	1 (2%)	5 (11%)		1 (2%)	2 (4%)
Ulcer	1 (2%)				
Epithelium, Hyperplasia	8 (18%)	3 (6%)	3 (7%)	1 (2%)	
Stomach, Glandular	(41)	(46)	(46)	(45)	(44)
Inflammation, Chronic Active Epithelium, Hyperplasia					1 (2%) 1 (2%)
Tongue	(1)	(0)	(0)	(0)	(0)
CARDIOVASCULAR SYSTEM					
Blood Vessel	(48)	(47)	(46)	(47)	(47)
Heart	(48)	(47)	(47)	(47)	(47)
Cardiomyopathy		1 (2%)			
Polyarteritis			1 (2%)		
ENDOCRINE SYSTEM					
Adrenal Cortex	(44)	(47)	(47)	(46)	(45)

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0.70 ACRYL	0.35 ACRYL	0.175 ACRYL	0.0875 ACRYL	CONTROL WATER
Accessory Adrenal Cortical Nodule			1 (2%)		1 (2%)
Hyperplasia				1 (2%)	1 (2%)
Hyperplasia, Lymphoid					1 (2%)
Hypertrophy	1 (2%)	1 (2%)	1 (2%)		1 (2%)
Metaplasia, Osseous			1 (2%)		
Subcapsular, Hyperplasia	31 (70%)	39 (83%)	41 (87%)	39 (85%)	35 (78%)
Adrenal Medulla	(44)	(47)	(46)	(44)	(44)
Hyperplasia	1 (2%)				
Islets, Pancreatic	(46)	(47)	(47)	(46)	(46)
Hyperplasia	1 (2%)	1 (2%)	1 (2%)	1 (2%)	1 (2%)
Parathyroid Gland	(41)	(44)	(44)	(44)	(43)
Cyst	1 (2%)				
Pituitary Gland	(42)	(45)	(46)	(47)	(44)
Pars Distalis, Cyst		1 (2%)		1 (2%)	1 (2%)
Thyroid Gland	(47)	(47)	(46)	(46)	(46)
Cyst				1 (2%)	2 (4%)
Ectopic Thymus			1 (2%)		
Infiltration Cellular, Lymphocyte		1 (2%)			1 (2%)
Polyarteritis			1 (2%)		
Follicle, Degeneration	5 (11%)	5 (11%)	5 (11%)	3 (7%)	5 (11%)
Follicular Cell, Hyperplasia	1 (2%)				

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Epididymis	(44)	(47)	(47)	(46)	(46)
Angiectasis			1 (2%)		
Exfoliated Germ Cell	1 (2%)				
Hypospermia		3 (6%)			2 (4%)
Infiltration Cellular, Lymphocyte	1 (2%)		1 (2%)		
Inflammation, Suppurative			1 (2%)		
Inflammation, Chronic Active	1 (2%)			1 (2%)	

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0.70 ACRYL	0.35 ACRYL	0.175 ACRYL	0.0875 ACRYL	CONTROL WATER
Spermatocele	1 (2%)		2 (4%)		
Penis	(1)	(0)	(1)	(0)	(0)
Inflammation, Suppurative			1 (100%)		
Inflammation, Chronic Active	1 (100%)				
Necrosis	1 (100%)				
Ulcer	1 (100%)				
Epithelium, Hyperplasia			1 (100%)		
Preputial Gland	(46)	(47)	(47)	(46)	(44)
Angiectasis	1 (2%)				
Cyst	2 (4%)	4 (9%)	6 (13%)	3 (7%)	4 (9%)
Degeneration	15 (33%)	12 (26%)	9 (19%)	8 (17%)	9 (20%)
Dysplasia, Focal	1 (2%)				
Hemorrhage					1 (2%)
Infiltration Cellular, Lymphocyte	3 (7%)	1 (2%)	4 (9%)	2 (4%)	6 (14%)
Inflammation, Suppurative	8 (17%)	4 (9%)	1 (2%)		1 (2%)
Inflammation, Chronic		1 (2%)			
Inflammation, Chronic Active	7 (15%)	9 (19%)	2 (4%)	6 (13%)	2 (5%)
Duct, Dilatation	2 (4%)	2 (4%)	1 (2%)		
Prostate	(44)	(47)	(47)	(45)	(45)
Infiltration Cellular, Lymphocyte		1 (2%)			
Inflammation, Chronic Active	1 (2%)				
Seminal Vesicle	(44)	(47)	(47)	(46)	(45)
Inflammation, Chronic Active	1 (2%)				
Lumen, Dilatation				2 (4%)	
Testes	(43)	(47)	(46)	(44)	(45)
Mineralization				1 (2%)	
Spermatocele					1 (2%)
Seminiferous Tubule, Degeneration	8 (19%)	6 (13%)	4 (9%)		7 (16%)

HEMATOPOIETIC SYSTEM

Bone Marrow	(44)	(47)	(47)	(47)	(46)
Hyperplasia	5 (11%)	2 (4%)	3 (6%)	2 (4%)	3 (7%)
Thrombosis		2 (4%)			
Lymph Node	(11)	(4)	(4)	(2)	(3)

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0.70 ACRYL	0.35 ACRYL	0.175 ACRYL	0.0875 ACRYL	CONTROL WATER
Axillary, Hyperplasia, Lymphoid		1 (25%)	1 (25%)		1 (33%)
Axillary, Infiltration Cellular, Plasma Cell			1 (25%)		
Fat, Inguinal, Inflammation, Suppurative				1 (50%)	
Fat, Inguinal, Necrosis				1 (50%)	
Inguinal, Hyperplasia, Lymphoid					1 (33%)
Lumbar, Fibrosis	1 (9%)				
Lumbar, Hyperplasia, Lymphoid		1 (25%)			
Lumbar, Infiltration Cellular, Plasma Cell			2 (50%)		
Mediastinal, Hyperplasia, Lymphoid	1 (9%)			1 (50%)	
Mediastinal, Infiltration Cellular, Plasma Cell				1 (50%)	
Renal, Hyperplasia, Lymphoid	1 (9%)				
Renal, Infiltration Cellular, Plasma Cell			2 (50%)		
Lymph Node, Mandibular	(46)	(47)	(47)	(45)	(47)
Hemorrhage	1 (2%)				
Hyperplasia, Lymphoid	6 (13%)	9 (19%)	6 (13%)		4 (9%)
Infiltration Cellular, Histiocyte		1 (2%)			
Infiltration Cellular, Plasma Cell	1 (2%)	4 (9%)	3 (6%)	1 (2%)	1 (2%)
Infiltration Cellular, Polymorphonuclear	1 (2%)				
Lymph Node, Mesenteric	(45)	(46)	(47)	(45)	(44)
Angiectasis	2 (4%)	5 (11%)	3 (6%)	4 (9%)	6 (14%)
Erythrophagocytosis		1 (2%)			
Hematopoietic Cell Proliferation			1 (2%)		1 (2%)
Hemorrhage	4 (9%)	4 (9%)	1 (2%)	9 (20%)	8 (18%)
Hyperplasia, Lymphoid	11 (24%)	16 (35%)	7 (15%)	14 (31%)	12 (27%)
Infiltration Cellular, Histiocyte		1 (2%)		1 (2%)	
Infiltration Cellular, Mast Cell		2 (4%)		1 (2%)	
Infiltration Cellular, Plasma Cell	1 (2%)				1 (2%)
Infiltration Cellular, Polymorphonuclear			1 (2%)		
Inflammation, Chronic Active	1 (2%)				
Thrombosis				1 (2%)	1 (2%)
Sinus, Dilatation		3 (7%)	1 (2%)	3 (7%)	4 (9%)
Spleen	(45)	(47)	(46)	(47)	(45)
Angiectasis					1 (2%)
Atrophy	1 (2%)				
Depletion Lymphoid		2 (4%)			
Developmental Malformation	1 (2%)				

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Hematopoietic Cell Proliferation	14 (31%)	6 (13%)	9 (20%)	6 (13%)	5 (11%)
Hyperplasia, Lymphoid	21 (47%)	32 (68%)	27 (59%)	32 (68%)	32 (71%)
Hyperplasia, Stromal	1 (2%)				
Necrosis	1 (2%)				
Pigmentation	1 (2%)		2 (4%)		
Thymus	(40)	(42)	(41)	(42)	(43)
Atrophy	21 (52%)	18 (43%)	21 (51%)	23 (55%)	18 (42%)
Cyst			1 (2%)		
Hyperplasia, Lymphoid			2 (5%)		1 (2%)
INTEGUMENTARY SYSTEM					
Skin	(46)	(47)	(47)	(47)	(47)
Fibrosis	1 (2%)		2 (4%)		2 (4%)
Inflammation, Suppurative				1 (2%)	
Inflammation, Chronic Active	2 (4%)	2 (4%)	5 (11%)	2 (4%)	1 (2%)
Mineralization		1 (2%)			1 (2%)
Ulcer	1 (2%)		3 (6%)	3 (6%)	1 (2%)
Epithelium, Hyperplasia	2 (4%)	2 (4%)	3 (6%)	1 (2%)	
Sebaceous Gland, Hyperplasia	1 (2%)				
MUSCULOSKELETAL SYSTEM					
Bone, Femur	(48)	(48)	(48)	(48)	(48)
Fibro-Osseous Lesion	1 (2%)				
Skeletal Muscle	(44)	(47)	(47)	(46)	(45)
Degeneration			1 (2%)		
NERVOUS SYSTEM					
Brain, Brain Stem	(45)	(47)	(47)	(46)	(46)
Mineralization	27 (60%)	33 (70%)	32 (68%)	27 (59%)	32 (70%)
Brain, Cerebellum	(45)	(47)	(47)	(46)	(46)
Gliosis				1 (2%)	

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Hemorrhage		1 (2%)			1 (2%)
Necrosis	1 (2%)				
Neuron, Depletion				1 (2%)	
Brain, Cerebrum	(45)	(47)	(47)	(46)	(46)
Hemorrhage					1 (2%)
Infiltration Cellular, Mononuclear Cell			1 (2%)	1 (2%)	2 (4%)
Inflammation, Suppurative	1 (2%)				
Mineralization	18 (40%)	27 (57%)	28 (60%)	20 (43%)	28 (61%)
Hippocampus, Gliosis		1 (2%)			
Hippocampus, Neuron, Depletion		1 (2%)			
Peripheral Nerve, Sciatic	(45)	(47)	(47)	(46)	(46)
Infiltration Cellular, Mononuclear Cell			2 (4%)		
Axon, Degeneration	24 (53%)	24 (51%)	26 (55%)	26 (57%)	29 (63%)
Spinal Cord, Cervical	(46)	(46)	(47)	(45)	(46)
Axon, Degeneration	6 (13%)	3 (7%)	7 (15%)	4 (9%)	5 (11%)
Nerve, Degeneration	1 (2%)				
Neuron, Degeneration	1 (2%)				
Spinal Cord, Lumbar	(46)	(47)	(47)	(45)	(46)
Infiltration Cellular, Mononuclear Cell			2 (4%)	1 (2%)	
Axon, Degeneration	19 (41%)	21 (45%)	20 (43%)	24 (53%)	25 (54%)
Nerve, Degeneration	35 (76%)	34 (72%)	39 (83%)	34 (76%)	36 (78%)
Neuron, Degeneration		1 (2%)	1 (2%)		
Spinal Cord, Thoracic	(47)	(47)	(47)	(45)	(46)
Hemorrhage		1 (2%)			
Infiltration Cellular, Mononuclear Cell		1 (2%)			
Axon, Degeneration	29 (62%)	36 (77%)	37 (79%)	36 (80%)	38 (83%)
Neuron, Degeneration	1 (2%)				

RESPIRATORY SYSTEM

Lung	(48)	(45)	(47)	(46)	(47)
Hemorrhage			1 (2%)		
Infiltration Cellular, Histiocyte	4 (8%)	1 (2%)	1 (2%)		2 (4%)
Inflammation, Chronic Active	1 (2%)				1 (2%)
Alveolar Epithelium, Hyperplasia	9 (19%)	4 (9%)	3 (6%)		

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Nose	(46)	(47)	(47)	(45)	(45)
Hyaline Droplet	2 (4%)	2 (4%)	11 (23%)	6 (13%)	4 (9%)
Posterior To Upper Incisor, Dysplasia					1 (2%)
SPECIAL SENSES SYSTEM					
Eye	(41)	(44)	(45)	(44)	(44)
Cataract	9 (22%)	6 (14%)	4 (9%)	6 (14%)	3 (7%)
Phthisis Bulbi	1 (2%)				
Bilateral, Cataract			1 (2%)		
Cornea, Inflammation, Chronic Active	2 (5%)	4 (9%)	1 (2%)		
Cornea, Ulcer		1 (2%)			
Harderian Gland	(47)	(47)	(47)	(46)	(46)
Hyperplasia	2 (4%)				
Infiltration Cellular, Lymphocyte					2 (4%)
Inflammation, Chronic Active	1 (2%)				
URINARY SYSTEM					
Kidney	(44)	(47)	(47)	(46)	(45)
Autolysis				1 (2%)	
Cyst					1 (2%)
Hyaline Droplet	1 (2%)			2 (4%)	3 (7%)
Hydronephrosis			1 (2%)		
Infarct	1 (2%)		1 (2%)		
Infiltration Cellular, Lymphocyte	8 (18%)	19 (40%)	19 (40%)	21 (46%)	22 (49%)
Inflammation, Chronic Active	2 (5%)				
Metaplasia, Osseous	1 (2%)	1 (2%)	2 (4%)	1 (2%)	
Mineralization			1 (2%)		
Nephropathy	16 (36%)	15 (32%)	12 (26%)	8 (17%)	13 (29%)
Polyarteritis			1 (2%)		
Capsule, Inflammation, Chronic Active				1 (2%)	
Transitional Epithelium, Hyperplasia	1 (2%)				
Urinary Bladder	(43)	(45)	(46)	(47)	(46)
Infiltration Cellular, Lymphocyte	1 (2%)	3 (7%)	4 (9%)	2 (4%)	8 (17%)

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Infiltration Cellular, Plasma Cell	1 (2%)		1 (2%)		
Inflammation, Chronic Active	2 (5%)		1 (2%)		
Ulcer	1 (2%)				
Lumen, Dilatation	7 (16%)	3 (7%)	3 (7%)	4 (9%)	3 (7%)

*** END OF MALE ***

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Disposition Summary

Animals Initially In Study	48	48	48	48	48
Early Deaths					
Accidentally Killed			2		
Moribund Sacrifice	17	17	8	6	4
Natural Death	10	3		4	2
Survivors					
Moribund Sacrifice	5	3	2	1	2
Natural Death	1			1	1
Terminal Sacrifice	15	25	36	36	39
Animals Examined Microscopically	47	48	48	48	48

ALIMENTARY SYSTEM

Gallbladder	(37)	(44)	(47)	(43)	(45)
Lumen, Dilatation					2 (4%)
Intestine Large, Cecum	(37)	(45)	(47)	(44)	(45)
Hyperplasia, Lymphoid Epithelium, Hyperplasia	1 (3%)			1 (2%)	2 (4%)
Intestine Large, Colon	(37)	(45)	(48)	(44)	(45)
Intestine Large, Rectum	(38)	(45)	(47)	(44)	(45)
Intestine Small, Duodenum	(37)	(45)	(47)	(44)	(45)
Hyperplasia, Lymphoid	1 (3%)				
Intestine Small, Ileum	(37)	(45)	(47)	(44)	(45)
Hyperplasia, Lymphoid					1 (2%)
Intestine Small, Jejunum	(37)	(44)	(47)	(43)	(45)
Hyperplasia, Lymphoid				1 (2%)	1 (2%)
Liver	(44)	(46)	(48)	(47)	(47)
Angiectasis	2 (5%)	1 (2%)		1 (2%)	
Autolysis	2 (5%)	1 (2%)			
Basophilic Focus	2 (5%)	1 (2%)			
Eosinophilic Focus	1 (2%)		3 (6%)		
Hematopoietic Cell Proliferation	1 (2%)	5 (11%)	2 (4%)	1 (2%)	3 (6%)
Hemorrhage				1 (2%)	
Infiltration Cellular, Lymphocyte	1 (2%)	9 (20%)	10 (21%)	12 (26%)	7 (15%)

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Infiltration Cellular, Mast Cell			1 (2%)		
Inflammation, Suppurative					1 (2%)
Inflammation, Chronic Active	5 (11%)	2 (4%)		2 (4%)	
Mineralization	1 (2%)				
Necrosis	3 (7%)	1 (2%)	2 (4%)	2 (4%)	3 (6%)
Polyarteritis					1 (2%)
Tension Lipidosis	1 (2%)		1 (2%)		
Vacuolization Cytoplasmic	1 (2%)	4 (9%)	2 (4%)		5 (11%)
Oval Cell, Hyperplasia				1 (2%)	
Mesentery	(2)	(1)	(0)	(0)	(0)
Fat, Necrosis		1 (100%)			
Pancreas	(40)	(45)	(48)	(45)	(46)
Cyst					1 (2%)
Infiltration Cellular, Lymphocyte	3 (8%)	5 (11%)	7 (15%)	7 (16%)	6 (13%)
Inflammation, Chronic Active					1 (2%)
Polyarteritis					1 (2%)
Acinus, Degeneration		1 (2%)	2 (4%)		2 (4%)
Duct, Dilatation					1 (2%)
Salivary Glands	(42)	(45)	(48)	(46)	(47)
Hyperplasia			1 (2%)		
Infiltration Cellular, Lymphocyte	17 (40%)	24 (53%)	25 (52%)	28 (61%)	23 (49%)
Acinus, Degeneration			1 (2%)		
Stomach, Forestomach	(42)	(45)	(48)	(46)	(46)
Autolysis	1 (2%)				
Diverticulum				1 (2%)	
Keratin Cyst					2 (4%)
Ulcer		1 (2%)		3 (7%)	2 (4%)
Epithelium, Hyperplasia	11 (26%)	4 (9%)	4 (8%)	9 (20%)	5 (11%)
Serosa, Inflammation, Chronic Active					1 (2%)
Stomach, Glandular	(39)	(45)	(48)	(44)	(45)
Autolysis	1 (3%)				
Cyst		1 (2%)			
Epithelium, Hyperplasia	1 (3%)	2 (4%)			
Tongue	(0)	(1)	(1)	(0)	(1)
Inflammation, Chronic Active			1 (100%)		
Ulcer			1 (100%)		

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TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0.70 ACRYL	0.35 ACRYL	0.175 ACRYL	0.0875 ACRYL	CONTROL WATER
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CARDIOVASCULAR SYSTEM

Blood Vessel	(45)	(45)	(48)	(47)	(46)
Heart	(44)	(46)	(48)	(47)	(48)
Cardiomyopathy	1 (2%)				
Inflammation, Suppurative					1 (2%)
Polyarteritis					1 (2%)
Thrombosis	1 (2%)				

ENDOCRINE SYSTEM

Adrenal Cortex	(41)	(45)	(48)	(46)	(45)
Accessory Adrenal Cortical Nodule	2 (5%)				1 (2%)
Angiectasis				1 (2%)	
Hypertrophy		1 (2%)	1 (2%)		1 (2%)
Infiltration Cellular, Polymorphonuclear				1 (2%)	
Vacuolization Cytoplasmic				1 (2%)	1 (2%)
Subcapsular, Hyperplasia	38 (93%)	45 (100%)	48 (100%)	45 (98%)	45 (100%)
Adrenal Medulla	(41)	(43)	(48)	(45)	(45)
Mineralization					1 (2%)
Islets, Pancreatic	(40)	(45)	(48)	(46)	(46)
Hyperplasia	2 (5%)	2 (4%)	1 (2%)	1 (2%)	
Parathyroid Gland	(41)	(43)	(45)	(46)	(41)
Cyst		1 (2%)	2 (4%)		1 (2%)
Pituitary Gland	(42)	(44)	(47)	(45)	(45)
Angiectasis				1 (2%)	
Compression					1 (2%)
Pars Distalis, Cyst				1 (2%)	
Pars Distalis, Hyperplasia	2 (5%)	4 (9%)	2 (4%)	2 (4%)	
Thyroid Gland	(41)	(45)	(48)	(46)	(46)
Cyst	1 (2%)	2 (4%)	1 (2%)		1 (2%)
Ectopic Thymus				2 (4%)	1 (2%)
Infiltration Cellular, Lymphocyte	2 (5%)	2 (4%)	1 (2%)	1 (2%)	2 (4%)
Polyarteritis					1 (2%)

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Follicle, Degeneration Follicular Cell, Hyperplasia	2 (5%)	6 (13%)	7 (15%)	2 (4%) 1 (2%)	2 (4%)
GENERAL BODY SYSTEM					
Tissue NOS	(3)	(0)	(0)	(0)	(0)
GENITAL SYSTEM					
Clitoral Gland	(41)	(45)	(47)	(47)	(44)
Atrophy		1 (2%)			1 (2%)
Degeneration	38 (93%)	43 (96%)	45 (96%)	47 (100%)	43 (98%)
Infiltration Cellular, Lymphocyte		1 (2%)			
Inflammation, Suppurative	1 (2%)				
Ovary	(42)	(45)	(48)	(45)	(46)
Angiectasis	4 (10%)	1 (2%)	1 (2%)	2 (4%)	
Atrophy	30 (71%)	38 (84%)	45 (94%)	43 (96%)	45 (98%)
Cyst	17 (40%)	17 (38%)	10 (21%)	14 (31%)	4 (9%)
Degeneration		1 (2%)			
Hemorrhage	4 (10%)	1 (2%)		1 (2%)	
Thrombosis	3 (7%)	2 (4%)	1 (2%)	1 (2%)	
Bilateral, Cyst	1 (2%)	3 (7%)	2 (4%)	4 (9%)	4 (9%)
Fat, Necrosis		1 (2%)			
Granulosa Cell, Hyperplasia	1 (2%)				
Uterus	(41)	(46)	(48)	(45)	(47)
Angiectasis	1 (2%)		1 (2%)		1 (2%)
Autolysis		1 (2%)			
Edema	2 (5%)				
Hemorrhage	2 (5%)		1 (2%)	1 (2%)	
Hydrometra	1 (2%)	1 (2%)	4 (8%)	2 (4%)	4 (9%)
Hyperplasia, Stromal	1 (2%)				
Infiltration Cellular, Lymphocyte					1 (2%)
Inflammation, Suppurative					1 (2%)
Necrosis					1 (2%)
Thrombus	2 (5%)				

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C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0.70 ACRYL	0.35 ACRYL	0.175 ACRYL	0.0875 ACRYL	CONTROL WATER
Endometrium, Hyperplasia, Cystic Vagina	30 (73%) (0)	38 (83%) (1)	41 (85%) (0)	42 (93%) (0)	43 (91%) (0)
HEMATOPOIETIC SYSTEM					
Bone Marrow	(42)	(45)	(48)	(46)	(45)
Hyperplasia	6 (14%)	5 (11%)	1 (2%)	4 (9%)	2 (4%)
Lymph Node	(8)	(15)	(4)	(9)	(8)
Axillary, Hyperplasia, Lymphoid				1 (11%)	
Inguinal, Hyperplasia, Lymphoid		1 (7%)		1 (11%)	
Lumbar, Hyperplasia, Lymphoid	1 (13%)	1 (7%)		2 (22%)	5 (63%)
Lumbar, Infiltration Cellular, Plasma Cell					2 (25%)
Lumbar, Infiltration Cellular, Polymorphonuclear		1 (7%)			
Mediastinal, Hyperplasia, Lymphoid		1 (7%)			
Pancreatic, Hemorrhage				1 (11%)	
Pancreatic, Hyperplasia, Lymphoid	1 (13%)			1 (11%)	
Renal, Hyperplasia, Lymphoid	1 (13%)	1 (7%)		3 (33%)	
Renal, Infiltration Cellular, Plasma Cell					1 (13%)
Renal, Infiltration Cellular, Polymorphonuclear		1 (7%)			
Thoracic, Infiltration Cellular, Plasma Cell		1 (7%)			
Lymph Node, Mandibular	(41)	(45)	(48)	(47)	(45)
Hematopoietic Cell Proliferation				1 (2%)	
Hyperplasia, Lymphoid	6 (15%)	13 (29%)	15 (31%)	10 (21%)	5 (11%)
Infiltration Cellular, Plasma Cell	1 (2%)	3 (7%)	3 (6%)	1 (2%)	
Lymph Node, Mesenteric	(42)	(44)	(46)	(46)	(44)
Angiectasis	1 (2%)		1 (2%)		
Hematopoietic Cell Proliferation			1 (2%)		
Hemorrhage	1 (2%)		1 (2%)		
Hyperplasia, Lymphoid	5 (12%)	8 (18%)	12 (26%)	11 (24%)	12 (27%)
Infiltration Cellular, Histiocyte		1 (2%)			
Infiltration Cellular, Plasma Cell			1 (2%)		
Inflammation, Chronic Active			1 (2%)		
Polyarteritis					1 (2%)
Sinus, Dilatation	1 (2%)				

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 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0.70 ACRYL	0.35 ACRYL	0.175 ACRYL	0.0875 ACRYL	CONTROL WATER
Spleen	(44)	(45)	(48)	(46)	(46)
Angiectasis				1 (2%)	
Autolysis	1 (2%)				
Hematopoietic Cell Proliferation	18 (41%)	14 (31%)	6 (13%)	10 (22%)	5 (11%)
Hyperplasia, Lymphoid	20 (45%)	24 (53%)	34 (71%)	33 (72%)	38 (83%)
Infiltration Cellular, Mast Cell			1 (2%)		
Pigmentation					1 (2%)
Thymus	(39)	(45)	(46)	(44)	(40)
Angiectasis		1 (2%)			
Atrophy	16 (41%)	17 (38%)	15 (33%)	16 (36%)	23 (58%)
Cyst			1 (2%)		
Hyperplasia, Lymphoid	1 (3%)	2 (4%)	6 (13%)	4 (9%)	5 (13%)
Epithelium, Hyperplasia					1 (3%)

INTEGUMENTARY SYSTEM

Mammary Gland	(42)	(45)	(48)	(46)	(47)
Autolysis	1 (2%)				
Cyst				1 (2%)	
Fibrosis		1 (2%)			
Alveolus, Hyperplasia	1 (2%)	2 (4%)		1 (2%)	
Skin	(43)	(45)	(48)	(46)	(48)
Fibrosis		1 (2%)			
Inflammation, Chronic Active		1 (2%)			
Necrosis		1 (2%)			
Sebaceous Gland, Hyperkeratosis		1 (2%)			
Sebaceous Gland, Hyperplasia		1 (2%)			

MUSCULOSKELETAL SYSTEM

Bone, Femur	(47)	(47)	(48)	(48)	(48)
Fibro-Osseous Lesion			1 (2%)		
Skeletal Muscle	(42)	(45)	(48)	(46)	(47)
Degeneration	1 (2%)	1 (2%)			
Infiltration Cellular, Lymphocyte		1 (2%)	1 (2%)		

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C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0.70 ACRYL	0.35 ACRYL	0.175 ACRYL	0.0875 ACRYL	CONTROL WATER
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NERVOUS SYSTEM

Brain, Brain Stem	(42)	(45)	(48)	(47)	(47)
Compression		1 (2%)		1 (2%)	
Hemorrhage					1 (2%)
Infiltration Cellular, Mononuclear Cell				1 (2%)	
Mineralization	16 (38%)	24 (53%)	33 (69%)	24 (51%)	31 (66%)
Brain, Cerebellum	(41)	(45)	(48)	(47)	(47)
Infiltration Cellular, Lymphocyte				1 (2%)	
Infiltration Cellular, Mononuclear Cell				1 (2%)	
Brain, Cerebrum	(41)	(45)	(48)	(47)	(48)
Cyst Epithelial Inclusion					1 (2%)
Gliosis				1 (2%)	
Hemorrhage				1 (2%)	1 (2%)
Infiltration Cellular, Histiocyte	1 (2%)				
Infiltration Cellular, Lymphocyte					1 (2%)
Infiltration Cellular, Mononuclear Cell	1 (2%)	2 (4%)	1 (2%)	2 (4%)	1 (2%)
Malformation					1 (2%)
Mineralization	9 (22%)	18 (40%)	19 (40%)	19 (40%)	24 (50%)
Necrosis				1 (2%)	
Meninges, Pigmentation	1 (2%)				1 (2%)
Meninges, Perivascular, Polyarteritis					1 (2%)
Peripheral Nerve, Sciatic	(42)	(45)	(48)	(47)	(46)
Infiltration Cellular, Mononuclear Cell	1 (2%)	1 (2%)	3 (6%)		1 (2%)
Axon, Degeneration	15 (36%)	17 (38%)	24 (50%)	25 (53%)	24 (52%)
Nerve, Degeneration					2 (4%)
Schwann Cell, Hyperplasia	1 (2%)	1 (2%)	3 (6%)	1 (2%)	
Spinal Cord, Cervical	(44)	(45)	(48)	(47)	(47)
Compression		1 (2%)			
Cyst		1 (2%)			
Demyelination					1 (2%)
Gliosis				1 (2%)	1 (2%)
Infiltration Cellular, Lymphocyte					1 (2%)
Infiltration Cellular, Mononuclear Cell		1 (2%)		2 (4%)	

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Axon, Degeneration	3 (7%)	8 (18%)	6 (13%)	4 (9%)	4 (9%)
Spinal Cord, Lumbar	(45)	(45)	(48)	(47)	(47)
Infiltration Cellular, Lymphocyte					1 (2%)
Infiltration Cellular, Mononuclear Cell	1 (2%)	2 (4%)	4 (8%)	5 (11%)	2 (4%)
Polyarteritis					1 (2%)
Axon, Degeneration	11 (24%)	21 (47%)	23 (48%)	25 (53%)	25 (53%)
Nerve, Degeneration	32 (71%)	32 (71%)	38 (79%)	37 (79%)	38 (81%)
Spinal Cord, Thoracic	(44)	(45)	(48)	(47)	(48)
Cyst		1 (2%)			
Gliosis		1 (2%)			
Infiltration Cellular, Lymphocyte					1 (2%)
Infiltration Cellular, Mononuclear Cell		1 (2%)	1 (2%)	1 (2%)	
Polyarteritis					1 (2%)
Axon, Degeneration	22 (50%)	33 (73%)	34 (71%)	34 (72%)	41 (85%)

RESPIRATORY SYSTEM

Lung	(45)	(45)	(48)	(47)	(47)
Autolysis	1 (2%)				
Hemorrhage	1 (2%)	1 (2%)	2 (4%)		1 (2%)
Infiltration Cellular, Histiocyte	3 (7%)	2 (4%)	3 (6%)		1 (2%)
Infiltration Cellular, Lymphocyte		2 (4%)	6 (13%)	3 (6%)	3 (6%)
Inflammation, Chronic Active	1 (2%)	1 (2%)			
Mineralization			1 (2%)		
Polyarteritis					1 (2%)
Thrombosis		1 (2%)			
Alveolar Epithelium, Hyperplasia	5 (11%)	1 (2%)	3 (6%)	2 (4%)	1 (2%)
Nose	(43)	(45)	(47)	(46)	(47)
Hyaline Droplet			3 (6%)	2 (4%)	6 (13%)
Inflammation, Suppurative	1 (2%)				
Mucosa, Ulcer	1 (2%)				

SPECIAL SENSES SYSTEM

Eye	(38)	(45)	(47)	(44)	(45)
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Acrylamide
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Cataract	11 (29%)	10 (22%)	7 (15%)	2 (5%)	2 (4%)
Inflammation, Suppurative		1 (2%)			
Inflammation, Chronic Active	1 (3%)				
Phthisis Bulbi	1 (3%)	3 (7%)	2 (4%)	1 (2%)	
Bilateral, Cataract	2 (5%)	1 (2%)			1 (2%)
Cornea, Degeneration	1 (3%)				
Cornea, Inflammation, Suppurative		1 (2%)			
Cornea, Inflammation, Chronic Active	3 (8%)	2 (4%)	3 (6%)		
Cornea, Ulcer	1 (3%)	2 (4%)	1 (2%)		
Harderian Gland	(43)	(47)	(48)	(44)	(45)
Autolysis		1 (2%)			
Cyst			1 (2%)	1 (2%)	
Hyperplasia	2 (5%)				
Infiltration Cellular, Lymphocyte	1 (2%)	1 (2%)		2 (5%)	
Acinus, Degeneration			1 (2%)		
URINARY SYSTEM					
Kidney	(40)	(45)	(48)	(46)	(47)
Autolysis					1 (2%)
Cyst					1 (2%)
Hyaline Droplet	2 (5%)	2 (4%)	2 (4%)	4 (9%)	
Infiltration Cellular, Lymphocyte	13 (33%)	15 (33%)	27 (56%)	25 (54%)	33 (70%)
Metaplasia, Osseous		2 (4%)			1 (2%)
Nephropathy	5 (13%)		2 (4%)	1 (2%)	2 (4%)
Pigmentation	1 (3%)				
Thrombosis	1 (3%)				
Glomerulus, Amyloid Deposition				1 (2%)	2 (4%)
Glomerulus, Inflammation, Chronic				1 (2%)	
Ureter	(1)	(0)	(0)	(0)	(0)
Urinary Bladder	(38)	(45)	(48)	(45)	(45)
Infiltration Cellular, Lymphocyte	13 (34%)	11 (24%)	23 (48%)	20 (44%)	25 (56%)
Polyarteritis					1 (2%)
Lumen, Dilatation	3 (8%)	1 (2%)	1 (2%)		

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*** END OF REPORT ***