

TDMS No. 05174 - 06
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)
CRESOLS
CAS Number: 1319-77-3
Pathologist: BOYCE, J. - TOFT, J.
f1_M3_Females

Date Report Requested: 05/03/2006
Time Report Requested: 14:33:38
First Dose M/F: NA / 08/20/02
Lab: BAT

C Number: C62260B
Lock Date: 01/21/2005
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL

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B6C3F1 MICE FEMALE	0 PPM	1000 PPM	3000 PPM	10000 PPM
Disposition Summary				
Animals Initially in Study	50	50	50	50
Early Deaths				
Moribund Sacrifice	4	4		1
Natural Death	5	3	5	7
Survivors				
Terminal Sacrifice	41	43	44	42
Missing			1	
Animals Examined Microscopically	50	50	49	50
ALIMENTARY SYSTEM				
Esophagus	(50)	(50)	(49)	(50)
Gallbladder	(50)	(50)	(49)	(50)
Cyst		1 (2%)		
Infiltration Cellular, Lymphoid	6 (12%)	10 (20%)	6 (12%)	9 (18%)
Inflammation, Chronic Active		1 (2%)		
Intestine Large, Colon	(49)	(50)	(49)	(50)
Thrombosis	1 (2%)			
Intestine Large, Rectum	(49)	(50)	(49)	(50)
Intestine Small, Ileum	(50)	(50)	(49)	(50)
Intestine Small, Jejunum	(50)	(50)	(49)	(50)
Inflammation, Chronic Active		1 (2%)	1 (2%)	
Epithelium, Ulcer			1 (2%)	
Peyer's Patch, Hyperplasia, Lymphoid		2 (4%)	1 (2%)	
Liver	(50)	(50)	(49)	(50)
Angiectasis	1 (2%)		1 (2%)	1 (2%)
Atrophy	1 (2%)	1 (2%)		
Basophilic Focus	3 (6%)	1 (2%)	3 (6%)	1 (2%)
Clear Cell Focus		1 (2%)		1 (2%)
Eosinophilic Focus	1 (2%)		2 (4%)	12 (24%)
Hematopoietic Cell Proliferation		1 (2%)	1 (2%)	1 (2%)
Infiltration Cellular, Lymphoid	40 (80%)	43 (86%)	39 (80%)	42 (84%)
Inflammation, Chronic Active	43 (86%)	44 (88%)	43 (88%)	43 (86%)
Mixed Cell Focus				1 (2%)
Pigmentation	2 (4%)			
Tension Lipidosis	8 (16%)	3 (6%)	6 (12%)	8 (16%)
Bile Duct, Cyst	1 (2%)			1 (2%)

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

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B6C3F1 MICE FEMALE	0 PPM	1000 PPM	3000 PPM	10000 PPM
Bile Duct, Cyst, Multiple				1 (2%)
Centrilobular, Hepatocyte, Degeneration	1 (2%)			
Hepatocyte, Necrosis	1 (2%)	1 (2%)	1 (2%)	
Hepatocyte, Vacuolization Cytoplasmic	3 (6%)	4 (8%)	1 (2%)	1 (2%)
Mesentery	(6)	(3)	(5)	(5)
Fat, Infiltration Cellular, Lymphoid				1 (20%)
Fat, Inflammation, Chronic Active		1 (33%)		
Fat, Necrosis	4 (67%)	2 (67%)	1 (20%)	1 (20%)
Oral Mucosa	(0)	(1)	(0)	(0)
Gingival, Foreign Body		1 (100%)		
Gingival, Inflammation, Chronic Active		1 (100%)		
Pancreas	(50)	(50)	(49)	(50)
Basophilic Focus			1 (2%)	1 (2%)
Infiltration Cellular, Lymphoid	21 (42%)	23 (46%)	25 (51%)	24 (48%)
Inflammation, Chronic Active	1 (2%)	3 (6%)		
Polyarteritis		1 (2%)		
Acinus, Atrophy	1 (2%)	2 (4%)	1 (2%)	
Duct, Cyst	1 (2%)	3 (6%)	1 (2%)	1 (2%)
Duct, Cyst, Multiple		1 (2%)		
Duct, Inflammation, Chronic Active		1 (2%)		
Salivary Glands	(50)	(50)	(49)	(49)
Infiltration Cellular, Lymphoid	34 (68%)	36 (72%)	34 (69%)	21 (43%)
Stomach, Forestomach	(49)	(49)	(49)	(49)
Epithelium, Hyperplasia				2 (4%)
Stomach, Glandular	(50)	(50)	(49)	(50)
Mineralization	2 (4%)	3 (6%)	3 (6%)	1 (2%)
Tooth	(2)	(0)	(2)	(0)
Malformation	1 (50%)		1 (50%)	
CARDIOVASCULAR SYSTEM				
Blood Vessel	(50)	(50)	(49)	(50)
Aorta, Mineralization		1 (2%)		
Heart	(50)	(50)	(49)	(50)
Mineralization	2 (4%)	1 (2%)		1 (2%)
Polyarteritis		1 (2%)		
Valve, Inflammation, Chronic Active		1 (2%)		
ENDOCRINE SYSTEM				

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B6C3F1 MICE FEMALE	0 PPM	1000 PPM	3000 PPM	10000 PPM
Adrenal Cortex	(49)	(50)	(49)	(50)
Accessory Adrenal Cortical Nodule	1 (2%)			1 (2%)
Hematopoietic Cell Proliferation		1 (2%)		
Hypertrophy	1 (2%)	1 (2%)		1 (2%)
Infiltration Cellular, Lymphoid				1 (2%)
Vacuolization Cytoplasmic		2 (4%)		1 (2%)
Subcapsular, Hyperplasia	48 (98%)	50 (100%)	48 (98%)	50 (100%)
Adrenal Medulla	(49)	(50)	(49)	(50)
Hyperplasia	3 (6%)			1 (2%)
Islets, Pancreatic	(50)	(50)	(49)	(50)
Parathyroid Gland	(39)	(44)	(40)	(45)
Cyst	1 (3%)	1 (2%)		
Cyst, Multiple	1 (3%)	1 (2%)		
Bilateral, Cyst			1 (3%)	
Pituitary Gland	(50)	(50)	(49)	(50)
Pars Distalis, Cyst, Multiple	1 (2%)			
Pars Distalis, Hyperplasia	7 (14%)	7 (14%)	3 (6%)	2 (4%)
Thyroid Gland	(48)	(48)	(49)	(50)
Ectopic Thymus		1 (2%)	1 (2%)	2 (4%)
Infiltration Cellular, Lymphoid		1 (2%)		
Inflammation, Chronic Active			2 (4%)	3 (6%)
Polyarteritis		1 (2%)		
Follicle, Cyst	1 (2%)	1 (2%)	2 (4%)	3 (6%)
Follicle, Degeneration	7 (15%)	24 (50%)	24 (49%)	21 (42%)
Follicular Cell, Hyperplasia	2 (4%)			2 (4%)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Clitoral Gland	(49)	(49)	(49)	(50)
Inflammation, Chronic Active	1 (2%)		1 (2%)	
Ovary	(50)	(50)	(49)	(50)
Angiectasis	1 (2%)			1 (2%)
Atrophy	49 (98%)	49 (98%)	47 (96%)	47 (94%)
Cyst	14 (28%)	9 (18%)	3 (6%)	8 (16%)
Cyst, Multiple				1 (2%)
Hemorrhage	1 (2%)			

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B6C3F1 MICE FEMALE	0 PPM	1000 PPM	3000 PPM	10000 PPM
Thrombosis	1 (2%)			
Bilateral, Cyst	1 (2%)	1 (2%)		1 (2%)
Oviduct	(0)	(1)	(2)	(0)
Uterus	(50)	(50)	(49)	(50)
Inflammation, Suppurative	1 (2%)		1 (2%)	
Endometrium, Hyperplasia, Cystic	41 (82%)	46 (92%)	46 (94%)	43 (86%)
HEMATOPOIETIC SYSTEM				
Bone Marrow	(50)	(50)	(49)	(50)
Angiectasis	1 (2%)		1 (2%)	1 (2%)
Hyperplasia	1 (2%)	6 (12%)	5 (10%)	2 (4%)
Myelofibrosis	23 (46%)	33 (66%)	18 (37%)	25 (50%)
Lymph Node	(2)	(5)	(7)	(7)
Bronchial, Hyperplasia, Lymphoid	1 (50%)	1 (20%)		
Iliac, Pigmentation		1 (20%)		
Lumbar, Congestion				1 (14%)
Lumbar, Ectasia				1 (14%)
Mediastinal, Hyperplasia, Lymphoid			1 (14%)	2 (29%)
Lymph Node, Mandibular	(49)	(50)	(49)	(49)
Hyperplasia, Lymphoid	4 (8%)	4 (8%)	5 (10%)	3 (6%)
Hyperplasia, Plasma Cell			1 (2%)	
Lymph Node, Mesenteric	(48)	(50)	(48)	(49)
Hyperplasia, Lymphoid	4 (8%)		1 (2%)	7 (14%)
Hyperplasia, Plasma Cell	1 (2%)			2 (4%)
Spleen	(48)	(50)	(49)	(50)
Atrophy	1 (2%)	1 (2%)		
Hematopoietic Cell Proliferation	7 (15%)	6 (12%)	4 (8%)	6 (12%)
Lymphoid Follicle, Hyperplasia	14 (29%)	13 (26%)	16 (33%)	12 (24%)
Thymus	(50)	(49)	(49)	(50)
Ectopic Parathyroid Gland	8 (16%)	10 (20%)	6 (12%)	4 (8%)
Hyperplasia, Lymphoid	2 (4%)			5 (10%)
INTEGUMENTARY SYSTEM				
Mammary Gland	(49)	(50)	(49)	(50)
Hyperplasia			1 (2%)	
Duct, Dilatation		1 (2%)	1 (2%)	1 (2%)
Skin	(49)	(50)	(49)	(50)
Cyst Epithelial Inclusion		1 (2%)		

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B6C3F1 MICE FEMALE	0 PPM	1000 PPM	3000 PPM	10000 PPM
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(49)	(50)
Osteopetrosis				1 (2%)
Skeletal Muscle	(0)	(2)	(2)	(1)
Infiltration Cellular, Lymphoid		1 (50%)	1 (50%)	
NERVOUS SYSTEM				
Brain	(50)	(50)	(49)	(50)
Hydrocephalus		2 (4%)		
Infiltration Cellular, Lymphoid	1 (2%)	2 (4%)	1 (2%)	
Neuron, Necrosis	1 (2%)			
RESPIRATORY SYSTEM				
Larynx	(0)	(1)	(0)	(1)
Lung	(50)	(50)	(49)	(50)
Hemorrhage	1 (2%)			
Infiltration Cellular, Lymphoid			2 (4%)	1 (2%)
Infiltration Cellular, Polymorphonuclear		1 (2%)		
Alveolar Epithelium, Hyperplasia		1 (2%)		3 (6%)
Alveolus, Infiltration Cellular, Histocyte			1 (2%)	1 (2%)
Bronchiole, Hyperplasia		42 (84%)	44 (90%)	47 (94%)
Nose	(50)	(50)	(49)	(49)
Edema				1 (2%)
Inflammation, Chronic Active	1 (2%)	1 (2%)		1 (2%)
Glands, Respiratory Epithelium, Dilatation				1 (2%)
Glands, Respiratory Epithelium, Hyperplasia	6 (12%)	5 (10%)	8 (16%)	10 (20%)
Nasolacrimal Duct, Inflammation, Suppurative	2 (4%)	1 (2%)	2 (4%)	
Olfactory Epithelium, Degeneration				1 (2%)
Respiratory Epithelium, Degeneration				1 (2%)
Respiratory Epithelium, Hyperplasia			28 (57%)	45 (92%)
Respiratory Epithelium, Metaplasia, Squamous				2 (4%)
Pleura	(0)	(1)	(0)	(0)
Trachea	(50)	(50)	(49)	(50)

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SPECIAL SENSES SYSTEM				
Eye	(50)	(50)	(49)	(50)
Atrophy		1 (2%)		
Harderian Gland	(50)	(50)	(48)	(50)
Hyperplasia	1 (2%)	1 (2%)	2 (4%)	
Infiltration Cellular, Lymphoid	30 (60%)	30 (60%)	35 (73%)	34 (68%)
Inflammation, Chronic Active		1 (2%)		
URINARY SYSTEM				
Kidney	(50)	(50)	(49)	(50)
Amyloid Deposition				1 (2%)
Atrophy		1 (2%)		
Casts Protein	29 (58%)	25 (50%)	19 (39%)	25 (50%)
Infarct	2 (4%)	2 (4%)	1 (2%)	3 (6%)
Infiltration Cellular, Lymphoid	43 (86%)	47 (94%)	43 (88%)	44 (88%)
Metaplasia, Osseous	2 (4%)	4 (8%)	4 (8%)	2 (4%)
Mineralization	2 (4%)	8 (16%)	3 (6%)	3 (6%)
Nephropathy	14 (28%)	14 (28%)	11 (22%)	19 (38%)
Cortex, Cyst				1 (2%)
Renal Tubule, Accumulation, Hyaline Droplet	2 (4%)	1 (2%)	1 (2%)	1 (2%)
Renal Tubule, Pigmentation				1 (2%)
Urinary Bladder	(50)	(50)	(49)	(50)
Infiltration Cellular, Lymphoid	36 (72%)	35 (70%)	43 (88%)	42 (84%)

*** END OF REPORT ***