

TDMs No. 20310 - 02

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 07/22/2009

Test Type: 26-39 WEEKS

3'-Azido-3'-deoxythymidine (AZT)

Time Report Requested: 11:51:06

Route: GAVAGE

CAS Number: 30516-87-1

First Dose M/F: 11/18/04 / NA

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

Lab: NCTR

C Number: C20310C

Lock Date: 12/01/2008

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include 912 Vehicle 9 mo M Include 913 AZT 40 9 mo M Include 914 AZT 80 9 mo M
Include 915 AZT 120 9 mo M

Study Gender: Male

TDMSE Version: 2.1.0

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
Disposition Summary				
Animals Initially in Study	27	27	27	27
Early Deaths				
Moribund Sacrifice	1	1		1
Natural Death	1	2		1
Survivors				
Moribund Sacrifice	1	3		1
Natural Death				2
Terminal Sacrifice	24	21	27	22
Animals Examined Microscopically	27	27	27	27

ALIMENTARY SYSTEM

Esophagus	(27)	(26)	(27)	(27)
Foreign Body		1		
Adventitia, Inflammation, Suppurative		1 [2.0]		
Adventitia, Necrosis		1 [3.0]		
Gallbladder	(26)	(25)	(27)	(25)
Mineralization				1 [2.0]
Intestine Large, Cecum	(26)	(26)	(27)	(25)
Hyperplasia, Lymphoid		2 [2.5]	2 [2.0]	3 [2.0]
Intestine Large, Colon	(26)	(26)	(27)	(25)
Epithelium, Hyperplasia				1 [2.0]
Intestine Large, Rectum	(26)	(26)	(27)	(26)
Hyperplasia, Lymphoid				1 [2.0]
Intestine Small, Duodenum	(26)	(25)	(27)	(25)
Inflammation, Chronic Active			1 [2.0]	
Liver	(26)	(27)	(27)	(27)
Basophilic Focus	1	1		1
Cytomegaly	14 [1.6]	14 [1.6]	13 [1.5]	9 [1.7]
Hematopoietic Cell Proliferation	1 [1.0]			
Mixed Cell Focus				1
Tension Lipidosis	3 [1.0]			1 [1.0]
Vacuolization Cytoplasmic	20 [1.6]	17 [1.8]	23 [1.5]	13 [1.5]
Mesentery	(0)	(2)	(1)	(0)
Fat, Fibrosis			1 [2.0]	
Pancreas	(27)	(27)	(27)	(27)

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
Cytoplasmic Alteration Inflammation, Chronic Active Pigmentation			1 [1.0] 1 [1.0] 1 [1.0]	1 [2.0]
Acinar Cell, Degeneration	1 [2.0]			
Salivary Glands	(27)	(26)	(27)	(27)
Infiltration Cellular, Lymphocyte	7 [1.0]	4 [1.0]	2 [1.0]	5 [1.0]
Stomach, Forestomach	(26)	(26)	(27)	(27)
Epithelium, Hyperplasia	1 [3.0]			
Epithelium, Hyperplasia, Squamous		1 [1.0]		
Stomach, Glandular	(26)	(26)	(27)	(25)
CARDIOVASCULAR SYSTEM				
Blood Vessel	(27)	(27)	(27)	(27)
Heart	(27)	(27)	(27)	(27)
Inflammation, Suppurative Polyarteritis		1 [1.0]	1 [1.0]	
Pericardium, Inflammation, Chronic Active	1 [3.0]			
ENDOCRINE SYSTEM				
Adrenal Cortex	(27)	(27)	(27)	(27)
Accessory Adrenal Cortical Nodule	1			
Cyst	1 [1.0]			
Hypertrophy	1 [2.0]		1 [2.0]	
Subcapsular, Hyperplasia	6 [1.0]	6 [1.2]	7 [1.0]	6 [1.0]
Adrenal Medulla	(25)	(26)	(24)	(26)
Islets, Pancreatic	(27)	(27)	(27)	(27)
Hyperplasia			1 [1.0]	
Parathyroid Gland	(16)	(20)	(21)	(22)
Cyst				1 [2.0]
Pituitary Gland	(25)	(27)	(27)	(27)
Thyroid Gland	(26)	(27)	(27)	(26)
Cyst	1 [1.0]	1 [1.0]		
Degeneration		1 [1.0]		
Ectopic Thymus		1		
Follicular Cell, Hyperplasia			1 [2.0]	

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
GENERAL BODY SYSTEM				
Tissue NOS	(2)	(1)	(0)	(1)
Mediastinum, Abscess	1 [4.0]			
Thoracic, Thrombosis				1 [4.0]
GENITAL SYSTEM				
Coagulating Gland	(0)	(1)	(0)	(0)
Epididymis	(27)	(27)	(27)	(26)
Hypospermia		1 [4.0]		1 [3.0]
Preputial Gland	(27)	(26)	(27)	(26)
Degeneration				3 [3.0]
Infiltration Cellular, Lymphocyte	1 [1.0]			
Inflammation, Suppurative		1 [1.0]		
Inflammation, Chronic Active				1 [1.0]
Duct, Dilatation		1 [3.0]		
Prostate	(27)	(27)	(27)	(25)
Seminal Vesicle	(26)	(27)	(27)	(26)
Inflammation, Chronic				1 [2.0]
Testes	(27)	(26)	(27)	(26)
Interstitial Cell, Hyperplasia		1 [1.0]		
Seminiferous Tubule, Degeneration		1 [1.0]	1 [1.0]	1 [4.0]
HEMATOPOIETIC SYSTEM				
Bone Marrow	(27)	(26)	(27)	(26)
Myeloid Cell, Hyperplasia	2 [3.0]	2 [3.0]	1 [2.0]	
Lymph Node	(0)	(1)	(0)	(1)
Lymph Node, Mandibular	(27)	(25)	(27)	(26)
Hyperplasia, Lymphoid	1 [1.0]	1 [2.0]	1 [2.0]	2 [1.5]
Hyperplasia, Plasma Cell			1 [1.0]	
Lymph Node, Mesenteric	(26)	(23)	(26)	(25)
Hematopoietic Cell Proliferation				1 [2.0]
Hyperplasia, Lymphoid	13 [1.7]	12 [1.8]	17 [2.1]	14 [1.8]
Hyperplasia, Plasma Cell			1 [3.0]	
Infiltration Cellular, Histiocyte			1 [3.0]	
Infiltration Cellular, Polymorphonuclear				1 [2.0]
Spleen	(26)	(25)	(27)	(25)

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Hematopoietic Cell Proliferation	4 [2.3]	2 [3.5]	5 [2.0]	1 [3.0]
Hemorrhage				1 [2.0]
Hyperplasia, Lymphoid	2 [2.0]	5 [2.0]	6 [2.2]	2 [1.5]
Thymus	(27)	(24)	(27)	(24)
Atrophy	1 [4.0]		1 [2.0]	
Hyperplasia, Lymphoid	1 [2.0]	1 [4.0]		
INTEGUMENTARY SYSTEM				
Skin	(27)	(27)	(27)	(27)
Abscess				1 [4.0]
Cyst Epithelial Inclusion			1	
Hemorrhage				1 [4.0]
MUSCULOSKELETAL SYSTEM				
Bone	(1)	(0)	(0)	(0)
Bone, Femur	(27)	(27)	(27)	(27)
Skeletal Muscle	(27)	(27)	(27)	(27)
Diaphragm, Foreign Body		1		
Diaphragm, Inflammation, Granulomatous		1 [4.0]		
NERVOUS SYSTEM				
Brain, Cerebellum	(27)	(27)	(27)	(27)
Hemorrhage				1 [1.0]
Brain, Cerebrum	(27)	(27)	(27)	(27)
Mineralization	4 [1.0]	1 [1.0]	2 [1.0]	
RESPIRATORY SYSTEM				
Lung	(27)	(27)	(27)	(27)
Congestion	1 [3.0]			1 [4.0]
Infiltration Cellular, Lymphocyte		1 [1.0]		
Infiltration Cellular, Polymorphonuclear				1 [2.0]
Inflammation, Chronic Active	1 [2.0]			
Mediastinum, Inflammation, Suppurative		1 [3.0]		

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Mediastinum, Necrosis		1 [3.0]		
Nose	(27)	(27)	(27)	(25)
Exudate	1 [4.0]			
Inflammation, Suppurative	1 [3.0]			
SPECIAL SENSES SYSTEM				
Harderian Gland	(27)	(27)	(27)	(27)
URINARY SYSTEM				
Kidney	(26)	(27)	(27)	(26)
Casts Protein		1 [1.0]		1 [1.0]
Cyst	1 [1.0]	1 [2.0]		
Infiltration Cellular, Lymphocyte	6 [1.0]	11 [1.0]	6 [1.0]	4 [1.3]
Pelvis, Dilatation				1 [1.0]
Pelvis, Inflammation, Chronic				1 [2.0]
Urinary Bladder	(27)	(27)	(27)	(26)
Lumen, Dilatation		1 [4.0]	2 [4.0]	2 [3.5]

*** END OF MALE ***

*** END OF REPORT ***