

**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:** 11:51:18

**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 917 Vehicl PND 1-8 M      Include 918 AZT 40 PND 1-8 M

**Study Gender:** Male

**TDMSE Version:** 2.1.0

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle PND 1-8 M	AZT 40 PND 1-8 M
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### Disposition Summary

Animals Initially in Study	24	25
Early Deaths		
Natural Death		1
Survivors		
Moribund Sacrifice	1	2
Terminal Sacrifice	23	22
Animals Examined Microscopically	24	25

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### ALIMENTARY SYSTEM

Intestine Large, Cecum	(24)	(24)
Hyperplasia, Lymphoid	3 [1.0]	1 [2.0]
Intestine Large, Rectum	(24)	(24)
Degeneration, Cystic	1 [2.0]	
Liver	(24)	(25)
Cytomegaly	18 [1.4]	14 [1.6]
Eosinophilic Focus		1
Inflammation, Chronic Active	1 [2.0]	1 [1.0]
Necrosis	2 [2.0]	1 [1.0]
Tension Lipidosis	3 [1.3]	2 [1.5]
Vacuolization Cytoplasmic	23 [1.7]	18 [1.6]
Pancreas	(23)	(25)
Cytoplasmic Alteration	1 [2.0]	
Salivary Glands	(24)	(25)
Infiltration Cellular, Lymphocyte	8 [1.0]	8 [1.0]

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### CARDIOVASCULAR SYSTEM

Blood Vessel	(24)	(24)
Heart	(24)	(25)

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### ENDOCRINE SYSTEM

Adrenal Cortex	(24)	(25)
Hypertrophy		1 [2.0]

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle PND 1-8 M	AZT 40 PND 1-8 M
Subcapsular, Hyperplasia Islets, Pancreatic	7 [1.0] (23)	7 [1.0] (25)
Hyperplasia Thyroid Gland	1 [2.0] (24)	2 [2.0] (24)
Cyst Ectopic Thymus	1	1 [1.0]
<b>GENERAL BODY SYSTEM</b>		
Tissue NOS	(0)	(1)
<b>GENITAL SYSTEM</b>		
Epididymis	(24)	(24)
Hypospermia		1 [4.0]
Serosa, Inflammation, Chronic Active	1 [4.0]	
Serosa, Necrosis	1 [4.0]	
Preputial Gland	(24)	(24)
Abscess		1 [3.0]
Degeneration	1 [3.0]	
Duct, Dilatation		1 [3.0]
Prostate	(24)	(25)
Infiltration Cellular, Lymphocyte	1 [2.0]	1 [1.0]
Epithelium, Hyperplasia	1 [2.0]	
Seminal Vesicle	(24)	(25)
Serosa, Inflammation, Chronic Active	1 [2.0]	
Testes	(24)	(24)
Spermatocoele		1 [4.0]
Interstitial Cell, Hyperplasia	2 [1.0]	4 [1.0]
Seminiferous Tubule, Degeneration	2 [2.0]	2 [2.5]
<b>HEMATOPOIETIC SYSTEM</b>		
Bone Marrow	(24)	(25)
Myeloid Cell, Hyperplasia		2 [2.5]
Lymph Node, Mesenteric	(24)	(24)
Hyperplasia, Lymphoid	15 [1.6]	12 [1.4]
Spleen	(24)	(24)

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle PND 1-8 M	AZT 40 PND 1-8 M
Depletion Lymphoid	1 [3.0]	
Hematopoietic Cell Proliferation	2 [2.0]	3 [3.0]
Hyperplasia, Lymphoid	5 [2.0]	7 [2.0]
Thymus	(23)	(22)
Degeneration	1 [1.0]	
Hyperplasia, Lymphoid		1 [2.0]
Necrosis		1 [2.0]
<b>INTEGUMENTARY SYSTEM</b>		
Skin	(24)	(25)
<b>MUSCULOSKELETAL SYSTEM</b>		
None		
<b>NERVOUS SYSTEM</b>		
Brain, Cerebrum	(24)	(25)
Mineralization	6 [1.0]	3 [1.0]
<b>RESPIRATORY SYSTEM</b>		
Lung	(24)	(25)
Foreign Body		1
Infiltration Cellular, Polymorphonuclear		1 [2.0]
Bronchiole, Epithelium, Hyperplasia		1 [2.0]
Nose	(24)	(25)
Foreign Body		1
Inflammation, Suppurative		1 [4.0]
<b>SPECIAL SENSES SYSTEM</b>		
Harderian Gland	(24)	(25)
<b>URINARY SYSTEM</b>		

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle PND 1-8 M	AZT 40 PND 1-8 M
Kidney	(24)	(25)
Infiltration Cellular, Lymphocyte	6 [1.0]	6 [1.0]
Mineralization		1 [1.0]
Capsule, Inflammation, Chronic Active	1 [2.0]	
Pelvis, Dilatation		1 [2.0]
Renal Tubule, Regeneration	2 [1.0]	3 [1.0]
Urinary Bladder	(24)	(24)
Infiltration Cellular, Lymphocyte		1 [1.0]

\*\*\* END OF MALE \*\*\*

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