

TDMs No. 20310 - 01

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Date Report Requested: 06/30/2009

Test Type: 26-39 WEEKS

3'-Azido-3'-deoxythymidine (AIDS)

Time Report Requested: 11:53:04

Route: GAVAGE

CAS Number: 30516-87-1

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

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 ALL

Study Gender: Female

TDMSE Version: 2.1.0

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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle 6 mo F	AZT 120 6 mo F	Vehicle 9 mo F	AZT 40 9 mo F	AZT 80 9 mo F	AZT 120 9 mo F
Disposition Summary						
Animals Initially in Study	27	26	26	27	27	27
Early Deaths						
Moribund Sacrifice	1		1			1
Natural Death	1			1	1	
Survivors						
Moribund Sacrifice	1		1	2	1	2
Natural Death			1	1	1	3
Terminal Sacrifice	24	26	23	23	24	21
Animals Examined Microscopically	27	26	26	27	27	27
ALIMENTARY SYSTEM						
Esophagus	(23)	(25)	(26)	(27)	(27)	(27)
Gallbladder	(24)	(25)	(25)	(26)	(27)	(25)
Sarcoma		1 (4%)				
Intestine Large, Cecum	(26)	(26)	(25)	(27)	(25)	(24)
Polyp	1 (4%)					
Intestine Large, Colon	(26)	(26)	(26)	(26)	(27)	(25)
Intestine Large, Rectum	(26)	(26)	(25)	(27)	(27)	(25)
Intestine Small, Ileum	(26)	(26)	(25)	(27)	(25)	(25)
Intestine Small, Jejunum	(26)	(26)	(25)	(27)	(25)	(25)
Liver	(26)	(26)	(26)	(27)	(27)	(27)
Sarcoma		1 (4%)	1 (4%)			
Mesentery	(0)	(0)	(1)	(0)	(1)	(1)
Pancreas	(26)	(26)	(26)	(27)	(27)	(26)
Salivary Glands	(26)	(26)	(26)	(27)	(26)	(27)
Stomach, Forestomach	(26)	(26)	(26)	(27)	(27)	(27)
Squamous Cell Papilloma				1 (4%)		
Stomach, Glandular	(26)	(26)	(25)	(27)	(25)	(25)
CARDIOVASCULAR SYSTEM						
Heart	(26)	(26)	(26)	(27)	(27)	(26)
ENDOCRINE SYSTEM						

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

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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle 6 mo F	AZT 120 6 mo F	Vehicle 9 mo F	AZT 40 9 mo F	AZT 80 9 mo F	AZT 120 9 mo F
Adrenal Cortex Adenoma	(26)	(26)	(26)	(27)	(27) 1 (4%)	(26)
Adrenal Medulla	(26)	(26)	(25)	(27)	(27)	(26)
Parathyroid Gland	(22)	(21)	(21)	(22)	(22)	(22)
Pituitary Gland	(26)	(26)	(26)	(27)	(27)	(27)
Thyroid Gland	(26)	(25)	(25)	(27)	(27)	(26)
GENERAL BODY SYSTEM						
Tissue NOS Thoracic, Osteosarcoma	(0)	(1)	(0)	(1) 1 (100%)	(0)	(1)
GENITAL SYSTEM						
Clitoral Gland	(24)	(25)	(25)	(26)	(26)	(27)
Ovary Luteoma	(26)	(26)	(26) 1 (4%)	(27)	(27)	(26)
Teratoma Malignant Yolk Sac Carcinoma						
Uterus	(26)	(26)	(26)	(27)	(27)	(27)
Polyp Stromal Sarcoma Stromal						
Endometrium, Polyp Stromal	1 (4%)			1 (4%)		
Vagina	(27)	(26)	(25)	(27)	(27)	(24)
HEMATOPOIETIC SYSTEM						
Bone Marrow Sarcoma	(26)	(26)	(26) 1 (4%)	(26)	(26)	(26)
Lymph Node	(3)	(1)	(1)	(1)	(0)	(3)
Lymph Node, Mandibular Sarcoma	(26)	(25)	(26) 1 (4%)	(27)	(25)	(26)
Lymph Node, Mesenteric Sarcoma	(24)	(25)	(26) 1 (4%)	(26)	(26)	(27)
Sarcoma, Metastatic, Liver		1 (4%)				
Spleen	(26)	(26)	(26)	(26)	(27)	(27)
Sarcoma			1 (4%)			
Sarcoma, Metastatic, Liver		1 (4%)				
Thymus	(26)	(26)	(24)	(26)	(23)	(27)

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle 6 mo F	AZT 120 6 mo F	Vehicle 9 mo F	AZT 40 9 mo F	AZT 80 9 mo F	AZT 120 9 mo F
INTEGUMENTARY SYSTEM						
Mammary Gland	(24)	(24)	(25)	(26)	(27)	(27)
Adenocarcinoma	1 (4%)				2 (7%)	1 (4%)
Adenoma						
Skin	(26)	(26)	(26)	(27)	(27)	(27)
Basal Cell Carcinoma		1 (4%)				
Fibrosarcoma						1 (4%)
Squamous Cell Carcinoma					1 (4%)	
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(0)	(1)	(0)	(1)
Cranium, Osteoma						1 (100%)
Rib, Osteosarcoma				1 (100%)		
Bone, Femur	(27)	(26)	(26)	(27)	(27)	(27)
Osteosarcoma			1 (4%)		2 (7%)	1 (4%)
Skeletal Muscle	(27)	(26)	(26)	(27)	(27)	(27)
NERVOUS SYSTEM						
Brain, Brain Stem	(26)	(26)	(26)	(27)	(27)	(27)
Astrocytoma Malignant						
Brain, Cerebellum	(26)	(26)	(26)	(27)	(27)	(27)
Astrocytoma Malignant						
Brain, Cerebrum	(26)	(26)	(26)	(27)	(27)	(27)
Sarcoma			1 (4%)			
Peripheral Nerve	(0)	(0)	(2)	(0)	(0)	(0)
Spinal Cord	(0)	(0)	(1)	(0)	(0)	(0)
RESPIRATORY SYSTEM						
Lung	(26)	(26)	(26)	(27)	(26)	(27)
Adenocarcinoma, Metastatic, Mammary Gland	1 (4%)					
Alveolar/Bronchiolar Adenoma				1 (4%)		
Basal Cell Carcinoma, Metastatic, Skin		1 (4%)				

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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle 6 mo F	AZT 120 6 mo F	Vehicle 9 mo F	AZT 40 9 mo F	AZT 80 9 mo F	AZT 120 9 mo F
Osteosarcoma, Metastatic, Bone, Femur						1 (4%)
Yolk Sac Carcinoma, Metastatic, Ovary						
Mediastinum, Sarcoma			1 (4%)			
Nose	(26)	(26)	(26)	(27)	(27)	(27)
Osteosarcoma					1 (4%)	
Sarcoma			1 (4%)			
SPECIAL SENSES SYSTEM						
Eye	(26)	(26)	(25)	(25)	(26)	(24)
Harderian Gland	(26)	(26)	(26)	(27)	(27)	(25)
Adenoma					1 (4%)	
URINARY SYSTEM						
Kidney	(26)	(26)	(26)	(27)	(27)	(27)
Renal Tubule, Adenoma				1 (4%)		
Ureter	(0)	(0)	(0)	(0)	(1)	(0)
Urinary Bladder	(26)	(26)	(26)	(27)	(27)	(26)
SYSTEMIC LESIONS						
Multiple Organs	*(27)	*(26)	*(26)	*(27)	*(27)	*(27)
Histiocytic Sarcoma				1 (4%)		1 (4%)
Leukemia Granulocytic						
Lymphoma Malignant	1 (4%)	1 (4%)			1 (4%)	3 (11%)
Mesothelioma Malignant			1 (4%)			

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* Number of animals with any tissue examined microscopically

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE
FEMALE

Vehicl PND1-8 F

AZT 40 PND1-8 F

Disposition Summary

Animals Initially in Study	26	26
Early Deaths		
Moribund Sacrifice		
Natural Death		
Survivors		
Moribund Sacrifice		3
Natural Death	1	
Terminal Sacrifice	25	23
Animals Examined Microscopically	26	26

ALIMENTARY SYSTEM

Esophagus	(26)	(25)
Gallbladder	(25)	(26)
Sarcoma		
Intestine Large, Cecum	(25)	(26)
Polyp		
Intestine Large, Colon	(25)	(26)
Intestine Large, Rectum	(25)	(26)
Intestine Small, Ileum	(25)	(26)
Intestine Small, Jejunum	(25)	(26)
Liver	(25)	(26)
Sarcoma		
Mesentery	(0)	(0)
Pancreas	(26)	(26)
Salivary Glands	(25)	(26)
Stomach, Forestomach	(25)	(26)
Squamous Cell Papilloma		
Stomach, Glandular	(25)	(26)

CARDIOVASCULAR SYSTEM

Heart	(25)	(26)
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ENDOCRINE SYSTEM

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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle PND1-8 F	AZT 40 PND1-8 F
Adrenal Cortex	(26)	(26)
Adenoma		
Adrenal Medulla	(26)	(26)
Parathyroid Gland	(25)	(24)
Pituitary Gland	(26)	(26)
Thyroid Gland	(26)	(26)
GENERAL BODY SYSTEM		
Tissue NOS	(0)	(0)
Thoracic, Osteosarcoma		
GENITAL SYSTEM		
Clitoral Gland	(26)	(25)
Ovary	(26)	(26)
Luteoma		
Teratoma Malignant	1 (4%)	
Yolk Sac Carcinoma	1 (4%)	
Uterus	(26)	(26)
Polyp Stromal	1 (4%)	1 (4%)
Sarcoma Stromal		1 (4%)
Endometrium, Polyp Stromal		
Vagina	(26)	(25)
HEMATOPOIETIC SYSTEM		
Bone Marrow	(25)	(26)
Sarcoma		
Lymph Node	(0)	(2)
Lymph Node, Mandibular	(25)	(25)
Sarcoma		
Lymph Node, Mesenteric	(25)	(26)
Sarcoma		
Sarcoma, Metastatic, Liver		
Spleen	(26)	(26)
Sarcoma		
Sarcoma, Metastatic, Liver		
Thymus	(25)	(25)

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* Number of animals with any tissue examined microscopically

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle PND1-8 F	AZT 40 PND1-8 F
INTEGUMENTARY SYSTEM		
Mammary Gland	(26)	(26)
Adenocarcinoma		
Adenoma	1 (4%)	
Skin	(26)	(26)
Basal Cell Carcinoma		
Fibrosarcoma		
Squamous Cell Carcinoma		
MUSCULOSKELETAL SYSTEM		
Bone	(0)	(0)
Cranium, Osteoma		
Rib, Osteosarcoma		
Bone, Femur	(26)	(26)
Osteosarcoma		
Skeletal Muscle	(26)	(26)
NERVOUS SYSTEM		
Brain, Brain Stem	(26)	(26)
Astrocytoma Malignant		1 (4%)
Brain, Cerebellum	(26)	(26)
Astrocytoma Malignant		1 (4%)
Brain, Cerebrum	(26)	(26)
Sarcoma		
Peripheral Nerve	(0)	(0)
Spinal Cord	(0)	(0)
RESPIRATORY SYSTEM		
Lung	(26)	(26)
Adenocarcinoma, Metastatic, Mammary Gland		
Alveolar/Bronchiolar Adenoma		
Basal Cell Carcinoma, Metastatic, Skin		

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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle PND1-8 F	AZT 40 PND1-8 F
Osteosarcoma, Metastatic, Bone, Femur	1 (4%)	
Yolk Sac Carcinoma, Metastatic, Ovary		
Mediastinum, Sarcoma		
Nose	(26)	(26)
Osteosarcoma		
Sarcoma		
SPECIAL SENSES SYSTEM		
Eye	(25)	(26)
Harderian Gland	(25)	(26)
Adenoma		
URINARY SYSTEM		
Kidney	(25)	(26)
Renal Tubule, Adenoma		
Ureter	(0)	(0)
Urinary Bladder	(25)	(26)
SYSTEMIC LESIONS		
Multiple Organs	*(26)	*(26)
Histiocytic Sarcoma		
Leukemia Granulocytic		1 (4%)
Lymphoma Malignant		
Mesothelioma Malignant		

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

* Number of animals with any tissue examined microscopically

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle 6 mo F	AZT 120 6 mo F	Vehicle 9 mo F	AZT 40 9 mo F	AZT 80 9 mo F	AZT 120 9 mo F
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Tumor Summary for Females

Total Animals with Primary Neoplasms (b)	4	3	4	7	8	8
Total Primary Neoplasms	4	4	11	7	9	8
Total Animals with Benign Neoplasms	2		1	4	2	1
Total Benign Neoplasms	2		1	4	2	1
Total Animals with Malignant Neoplasms	2	3	3	3	6	7
Total Malignant Neoplasms	2	4	10	3	7	7
Total Animals with Metastatic Neoplasms	1	2				1
Total Metastatic Neoplasms	1	3				1
Total Animals with Malignant Neoplasms Uncertain Primary Site						
Total Animals with Neoplasms Uncertain-Benign or Malignant						
Total Uncertain Neoplasms						

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

b - Primary tumors: all tumors except metastatic tumors

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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE
FEMALE

Vehicle PND1-8 F

AZT 40 PND1-8 F

Tumor Summary for Females

Total Animals with Primary Neoplasms (b)	4	4
Total Primary Neoplasms	4	5
Total Animals with Benign Neoplasms	2	1
Total Benign Neoplasms	2	1
Total Animals with Malignant Neoplasms	2	3
Total Malignant Neoplasms	2	4
Total Animals with Metastatic Neoplasms	1	
Total Metastatic Neoplasms	1	
Total Animals with Malignant Neoplasms Uncertain Primary Site		
Total Animals with Neoplasms Uncertain-Benign or Malignant		
Total Uncertain Neoplasms		

*** END OF REPORT ***

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

b - Primary tumors: all tumors except metastatic tumors