

TDMS No. 20310 - 02

**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: 11:50:48

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 ALL
Study Gender: Male
TDMSE Version: 2.1.0

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

Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 6 mo M	AZT 120 6 mo M	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	26	27	27	27	27
Early Deaths						
Moribund Sacrifice		3	1	1		1
Natural Death			1	2		1
Survivors						
Moribund Sacrifice		1	1	3		1
Natural Death		1				2
Terminal Sacrifice	27	21	24	21	27	22
Animals Examined Microscopically	27	26	27	27	27	27

ALIMENTARY SYSTEM

Esophagus	(23)	(23)	(27)	(26)	(27)	(27)
Gallbladder	(26)	(26)	(26)	(25)	(27)	(25)
Intestine Large, Cecum	(27)	(26)	(26)	(26)	(27)	(25)
Intestine Large, Colon	(27)	(26)	(26)	(26)	(27)	(25)
Intestine Large, Rectum	(27)	(26)	(26)	(26)	(27)	(26)
Intestine Small, Duodenum	(27)	(26)	(26)	(25)	(27)	(25)
Intestine Small, Jejunum	(27)	(26)	(26)	(25)	(27)	(25)
Liver	(27)	(26)	(26)	(27)	(27)	(27)
Carcinoma, Metastatic, Pancreas						
Hepatocellular Adenoma	1 (4%)	1 (4%)	3 (12%)	2 (7%)	6 (22%)	9 (33%)
Hepatocellular Carcinoma				1 (4%)		
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach				1 (4%)		
Mesentery	(0)	(0)	(0)	(2)	(1)	(0)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach				1 (50%)		
Pancreas	(27)	(26)	(27)	(27)	(27)	(27)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach				1 (4%)		
Acinar Cell, Carcinoma						
Salivary Glands	(27)	(26)	(27)	(26)	(27)	(27)
Stomach, Forestomach	(27)	(26)	(26)	(26)	(27)	(27)
Squamous Cell Carcinoma				1 (4%)		
Stomach, Glandular	(27)	(26)	(26)	(26)	(27)	(25)

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

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

Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 6 mo M	AZT 120 6 mo M	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
Adenocarcinoma				1 (4%)		
CARDIOVASCULAR SYSTEM						
Blood Vessel	(26)	(25)	(27)	(27)	(27)	(27)
Heart	(27)	(26)	(27)	(27)	(27)	(27)
ENDOCRINE SYSTEM						
Adrenal Cortex	(27)	(26)	(27)	(27)	(27)	(27)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach				1 (4%)		
Adrenal Medulla	(26)	(24)	(25)	(26)	(24)	(26)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach				1 (4%)		
Islets, Pancreatic	(27)	(26)	(27)	(27)	(27)	(27)
Parathyroid Gland	(22)	(23)	(16)	(20)	(21)	(22)
Pituitary Gland	(27)	(25)	(25)	(27)	(27)	(27)
Thyroid Gland	(26)	(26)	(26)	(27)	(27)	(26)
GENERAL BODY SYSTEM						
Tissue NOS	(0)	(0)	(2)	(1)	(0)	(1)
Sarcoma			1 (50%)			
Sarcoma, Metastatic, Skin						
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach				1 (100%)		
GENITAL SYSTEM						
Coagulating Gland	(0)	(0)	(0)	(1)	(0)	(0)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach				1 (100%)		
Epididymis	(27)	(26)	(27)	(27)	(27)	(26)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach				1 (4%)		
Preputial Gland	(27)	(26)	(27)	(26)	(27)	(26)
Prostate	(27)	(26)	(27)	(27)	(27)	(25)

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 MALE	Vehicle 6 mo M	AZT 120 6 mo M	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
Seminal Vesicle	(27)	(26)	(26)	(27)	(27)	(26)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach				1 (4%)		
Testes	(27)	(26)	(27)	(26)	(27)	(26)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(27)	(26)	(27)	(26)	(27)	(26)
Lymph Node	(0)	(1)	(0)	(1)	(0)	(1)
Lymph Node, Mandibular	(26)	(26)	(27)	(25)	(27)	(26)
Lymph Node, Mesenteric	(27)	(25)	(26)	(23)	(26)	(25)
Spleen	(27)	(26)	(26)	(25)	(27)	(25)
Thymus	(26)	(26)	(27)	(24)	(27)	(24)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach				1 (4%)		
INTEGUMENTARY SYSTEM						
Skin	(27)	(26)	(27)	(27)	(27)	(27)
Subcutaneous Tissue, Fibrosarcoma						1 (4%)
Subcutaneous Tissue, Sarcoma						
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(1)	(0)	(0)	(0)
Humerus, Osteosarcoma			1 (100%)			
Bone, Femur	(27)	(26)	(27)	(27)	(27)	(27)
Osteosarcoma		1 (4%)	1 (4%)			
Skeletal Muscle	(27)	(26)	(27)	(27)	(27)	(27)
Diaphragm, Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach				1 (4%)		
NERVOUS SYSTEM						
Brain, Brain Stem	(27)	(26)	(27)	(27)	(27)	(27)
Astrocytoma Malignant, Metastatic, Brain, Cerebrum		1 (4%)				
Brain, Cerebellum	(27)	(26)	(27)	(27)	(27)	(27)

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 MALE	Vehicle 6 mo M	AZT 120 6 mo M	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
Astrocytoma Malignant, Metastatic, Brain, Cerebrum	(27)	1 (4%) (26)	(27)	(27)	(27)	(27)
Astrocytoma Malignant Olfactory Lobe, Neuroblastoma		1 (4%) 1 (4%)		1 (4%)		1 (4%)
RESPIRATORY SYSTEM						
Lung	(27)	(26)	(27)	(27)	(27)	(27)
Alveolar/Bronchiolar Adenoma				1 (4%)		
Alveolar/Bronchiolar Carcinoma						
Osteosarcoma, Metastatic, Bone, Femur			1 (4%)			
Nose	(27)	(26)	(27)	(27)	(27)	(25)
Neuroblastoma, Metastatic, Brain, Cerebrum		1 (4%)		1 (4%)		1 (4%)
SPECIAL SENSES SYSTEM						
Eye	(27)	(26)	(26)	(26)	(27)	(25)
Harderian Gland Adenoma	(27)	(26)	(27) 1 (4%)	(27)	(27)	(27)
URINARY SYSTEM						
Kidney	(27)	(26)	(26)	(27)	(27)	(26)
Urinary Bladder	(27)	(26)	(27)	(27)	(27)	(26)
SYSTEMIC LESIONS						
Multiple Organs	*(27)	*(26)	*(27)	*(27)	*(27)	*(27)
Lymphoma Malignant		3 (12%)	1 (4%)	2 (7%)	1 (4%)	1 (4%)

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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Lab: NCTR

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		
Moribund Sacrifice		
Natural Death		1
Survivors		
Moribund Sacrifice	1	2
Natural Death		
Terminal Sacrifice	23	22
Animals Examined Microscopically	24	25

ALIMENTARY SYSTEM

Esophagus	(24)	(25)
Gallbladder	(24)	(24)
Intestine Large, Cecum	(24)	(24)
Intestine Large, Colon	(24)	(24)
Intestine Large, Rectum	(24)	(24)
Intestine Small, Duodenum	(24)	(24)
Intestine Small, Jejunum	(24)	(24)
Liver	(24)	(25)
Carcinoma, Metastatic, Pancreas	1 (4%)	
Hepatocellular Adenoma	3 (13%)	5 (20%)
Hepatocellular Carcinoma		2 (8%)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		
Mesentery	(0)	(0)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		
Pancreas	(23)	(25)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		
Acinar Cell, Carcinoma	1 (4%)	
Salivary Glands	(24)	(25)
Stomach, Forestomach	(24)	(25)
Squamous Cell Carcinoma		
Stomach, Glandular	(24)	(24)

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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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle PND 1-8 M	AZT 40 PND 1-8 M
Adenocarcinoma		
CARDIOVASCULAR SYSTEM		
Blood Vessel	(24)	(24)
Heart	(24)	(25)
ENDOCRINE SYSTEM		
Adrenal Cortex	(24)	(25)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		
Adrenal Medulla	(24)	(25)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		
Islets, Pancreatic	(23)	(25)
Parathyroid Gland	(24)	(24)
Pituitary Gland	(24)	(25)
Thyroid Gland	(24)	(24)
GENERAL BODY SYSTEM		
Tissue NOS	(0)	(1)
Sarcoma		
Sarcoma, Metastatic, Skin		1 (100%)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		
GENITAL SYSTEM		
Coagulating Gland	(0)	(0)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		
Epididymis	(24)	(24)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		
Preputial Gland	(24)	(24)
Prostate	(24)	(25)

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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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle PND 1-8 M	AZT 40 PND 1-8 M
Seminal Vesicle	(24)	(25)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		
Testes	(24)	(24)
HEMATOPOIETIC SYSTEM		
Bone Marrow	(24)	(25)
Lymph Node	(0)	(0)
Lymph Node, Mandibular	(24)	(25)
Lymph Node, Mesenteric	(24)	(24)
Spleen	(24)	(24)
Thymus	(23)	(22)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		
INTEGUMENTARY SYSTEM		
Skin	(24)	(25)
Subcutaneous Tissue, Fibrosarcoma		
Subcutaneous Tissue, Sarcoma		1 (4%)
MUSCULOSKELETAL SYSTEM		
Bone	(0)	(0)
Humerus, Osteosarcoma		
Bone, Femur	(24)	(25)
Osteosarcoma		
Skeletal Muscle	(24)	(25)
Diaphragm, Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		
NERVOUS SYSTEM		
Brain, Brain Stem	(24)	(25)
Astrocytoma Malignant, Metastatic, Brain, Cerebrum		
Brain, Cerebellum	(24)	(25)

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

* Number of animals with any tissue examined microscopically

Test Type: 26-39 WEEKS

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

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Route: GAVAGE

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

Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle PND 1-8 M	AZT 40 PND 1-8 M
Astrocytoma Malignant, Metastatic, Brain, Cerebrum	(24)	(25)
Brain, Cerebrum		
Astrocytoma Malignant		
Olfactory Lobe, Neuroblastoma		
RESPIRATORY SYSTEM		
Lung	(24)	(25)
Alveolar/Bronchiolar Adenoma	2 (8%)	
Alveolar/Bronchiolar Carcinoma		
Osteosarcoma, Metastatic, Bone, Femur		
Nose	(24)	(25)
Neuroblastoma, Metastatic, Brain, Cerebrum		
SPECIAL SENSES SYSTEM		
Eye	(24)	(24)
Harderian Gland	(24)	(25)
Adenoma	1 (4%)	
URINARY SYSTEM		
Kidney	(24)	(25)
Urinary Bladder	(24)	(24)
SYSTEMIC LESIONS		
Multiple Organs	*(24)	*(25)
Lymphoma Malignant		2 (8%)

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

* Number of animals with any tissue examined microscopically

Test Type: 26-39 WEEKS

3'-Azido-3'-deoxythymidine (AZD)

Time Report Requested: 11:50:48

Route: GAVAGE

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

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

Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 6 mo M	AZT 120 6 mo M	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
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Tumor Summary for Males

Total Animals with Primary Neoplasms (b)	1	7	8	7	7	12
Total Primary Neoplasms	1	7	8	9	7	12
Total Animals with Benign Neoplasms	1	1	4	2	6	9
Total Benign Neoplasms	1	1	4	2	6	9
Total Animals with Malignant Neoplasms		6	4	6	1	3
Total Malignant Neoplasms		6	4	7	1	3
Total Animals with Metastatic Neoplasms		2	1	2		1
Total Metastatic Neoplasms		3	1	12		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

Test Type: 26-39 WEEKS

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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicl PND 1-8 M	AZT 40 PND 1-8 M
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Tumor Summary for Males

Total Animals with Primary Neoplasms (b)	7	10
Total Primary Neoplasms	7	10
Total Animals with Benign Neoplasms	6	5
Total Benign Neoplasms	6	5
Total Animals with Malignant Neoplasms	1	5
Total Malignant Neoplasms	1	5
Total Animals with Metastatic Neoplasms	1	1
Total Metastatic Neoplasms	1	1
Total Animals with Malignant Neoplasms Uncertain Primary Site		
Total Animals with Neoplasms Uncertain-Benign or Malignant		
Total Uncertain Neoplasms		

*** END OF MALE ***

*** 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