

Experiment Number: 20305-01
Test Type: 18-33 DAYS
Route: INTRADUCTAL CANNULATION
Species/Strain: Mouse/BALB/C

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

Test Compound: Adeno-associated viral vector (hEPO)

CAS Number: HEPO

Date Report Requested: 10/23/2014

Time Report Requested: 09:05:14

First Dose M/F: NA / NA

Lab: MBA

C Number:	C20305
Lock Date:	08/29/2005
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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BALB/C Mouse MALE	ISORMCONSALINE	TRTRMCONSALINE	1-7	SALINE	1-8	SALINE	1-9	SALINE	1-10	SALINE
Disposition Summary										
Animals Initially In Study	21	12		21		21		21		21
Scheduled Sacrifice	13	9		11		13		13		11
Early Deaths										
Natural Death	3			4		2		3		4
Survivors										
Natural Death	1	1								
Terminal Sacrifice	4	2		6		6		5		6
Animals Examined Microscopically	21	12		21		21		21		21
ALIMENTARY SYSTEM										
Esophagus	(19)	(12)		(20)		(20)		(20)		(21)
Gallbladder	(19)	(10)		(19)		(19)		(20)		(21)
Intestine Large, Cecum	(21)	(12)		(21)		(21)		(20)		(20)
Intestine Large, Colon	(20)	(12)		(21)		(21)		(20)		(20)
Intestine Large, Rectum	(20)	(12)		(21)		(21)		(20)		(20)
Intestine Small, Duodenum	(20)	(12)		(21)		(21)		(20)		(21)
Intestine Small, Ileum	(20)	(12)		(21)		(21)		(20)		(20)
Intestine Small, Jejunum	(20)	(12)		(21)		(21)		(21)		(21)
Liver	(21)	(12)		(21)		(21)		(21)		(21)
Pancreas	(21)	(12)		(21)		(21)		(21)		(21)
Salivary Glands	(21)	(12)		(21)		(21)		(21)		(21)
Stomach, Forestomach	(21)	(12)		(21)		(21)		(21)		(21)
Stomach, Glandular	(21)	(12)		(21)		(21)		(21)		(21)
CARDIOVASCULAR SYSTEM										
Blood Vessel	(21)	(12)		(21)		(21)		(21)		(20)
Heart	(21)	(12)		(21)		(21)		(21)		(21)

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

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BALB/C Mouse MALE	ISORMCONSALINE	TRTRMCONSALINE	1-7	SALINE	1-8	SALINE	1-9	SALINE	1-10	SALINE
ENDOCRINE SYSTEM										
Adrenal Cortex	(21)	(11)		(21)		(21)	(20)		(21)	
Adrenal Medulla	(21)	(11)		(21)		(19)	(20)		(19)	
Islets, Pancreatic	(20)	(12)		(21)		(20)	(21)		(20)	
Parathyroid Gland	(11)	(4)		(11)		(11)	(13)		(16)	
Pituitary Gland	(17)	(10)		(16)		(19)	(19)		(16)	
Thyroid Gland	(20)	(11)		(21)		(21)	(21)		(21)	
GENERAL BODY SYSTEM										
None										
GENITAL SYSTEM										
Epididymis	(21)	(12)		(21)		(21)	(21)		(20)	
Penis	(1)	(0)		(0)		(0)	(0)		(0)	
Preputial Gland	(21)	(11)		(21)		(21)	(20)		(21)	
Prostate	(21)	(12)		(20)		(21)	(20)		(18)	
Seminal Vesicle	(21)	(12)		(21)		(21)	(21)		(21)	
Testes	(21)	(12)		(21)		(19)	(20)		(18)	
HEMATOPOIETIC SYSTEM										
Bone Marrow	(21)	(12)		(21)		(21)	(21)		(21)	
Lymph Node, Mandibular	(17)	(11)		(14)		(15)	(19)		(10)	
Lymph Node, Mesenteric	(20)	(12)		(19)		(21)	(19)		(17)	
Spleen	(20)	(11)		(21)		(20)	(20)		(21)	
Thymus	(20)	(12)		(21)		(21)	(20)		(20)	
INTEGUMENTARY SYSTEM										
Skin	(21)	(12)		(21)		(21)	(21)		(21)	
MUSCULOSKELETAL SYSTEM										
Bone	(21)	(12)		(21)		(20)	(21)		(21)	

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

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* Number of animals with any tissue examined microscopically

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Lab: MBA

BALB/C Mouse MALE	ISORMCONSALINE	TRTRMCONSALINE	1-7	SALINE	1-8	SALINE	1-9	SALINE	1-10	SALINE
Skeletal Muscle	(0)	(0)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
NERVOUS SYSTEM										
Brain	(21)	(12)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)
RESPIRATORY SYSTEM										
Lung	(21)	(12)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)
Alveolar/Bronchiolar Adenoma			1 (5%)							
Nose	(20)	(12)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)
Trachea	(14)	(11)	(13)	(17)	(17)	(17)	(15)	(15)	(18)	(18)
SPECIAL SENSES SYSTEM										
Eye	(21)	(11)	(21)	(21)	(21)	(21)	(19)	(19)	(21)	(21)
Harderian Gland	(20)	(12)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)
URINARY SYSTEM										
Kidney	(21)	(12)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)
Urinary Bladder	(19)	(12)	(20)	(20)	(21)	(21)	(19)	(19)	(20)	(20)

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	BALB/C Mouse MALE	ISORMCONSALINE	TRTRMCONSALINE	1-7	SALINE	1-8	SALINE	1-9	SALINE	1-10	SALINE
Tumor Summary for MALE											
Total Animals with Primary Neoplasms (b)					1						
Total Primary Neoplasms					1						
Total Animals with Benign Neoplasms					1						
Total Benign Neoplasms					1						
Total Animals with Malignant Neoplasms											
Total Malignant Neoplasms											
Total Animals with Metastatic Neoplasms											
Total Metastatic Neoplasms											
Total Animals with Malignant Neoplasms Uncertain Primary Site											
Total Animals with Neoplasms Uncertain - Benign or Malignant											
Total Uncertain Neoplasms											

END OF MALE DATA

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

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First Dose M/F: NA / NA

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BALB/C Mouse FEMALE	ISORMCONSALINE	TRTRMCONSALINE	1-7	SALINE	1-8	SALINE	1-9	SALINE	1-10	SALINE
Disposition Summary										
Animals Initially In Study	21	12		21		21		21		21
Scheduled Sacrifice	15	9		13		15		14		15
Early Deaths										
Natural Death				2				1		2
Survivors										
Terminal Sacrifice	6	3		6		6		6		4
Animals Examined Microscopically	21	12		21		21		21		21
ALIMENTARY SYSTEM										
Esophagus	(21)	(12)		(20)		(21)		(21)		(21)
Gallbladder	(20)	(12)		(21)		(21)		(20)		(20)
Intestine Large, Cecum	(21)	(12)		(21)		(21)		(21)		(20)
Intestine Large, Colon	(21)	(12)		(21)		(21)		(21)		(20)
Intestine Large, Rectum	(21)	(12)		(21)		(21)		(21)		(20)
Intestine Small, Duodenum	(21)	(12)		(21)		(21)		(21)		(19)
Intestine Small, Ileum	(21)	(12)		(21)		(21)		(21)		(19)
Intestine Small, Jejunum	(21)	(12)		(21)		(21)		(21)		(19)
Liver	(21)	(12)		(21)		(21)		(21)		(21)
Pancreas	(21)	(12)		(21)		(21)		(21)		(21)
Salivary Glands	(21)	(12)		(21)		(21)		(21)		(21)
Stomach, Forestomach	(21)	(12)		(21)		(21)		(21)		(21)
Stomach, Glandular	(21)	(12)		(21)		(21)		(21)		(21)
Tooth	(0)	(0)		(0)		(0)		(0)		(1)
CARDIOVASCULAR SYSTEM										
Blood Vessel	(21)	(12)		(20)		(21)		(21)		(21)
Heart	(20)	(12)		(21)		(21)		(21)		(21)

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

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BALB/C Mouse FEMALE	ISORMCONSALINE	TRTRMCONSALINE	1-7	SALINE	1-8	SALINE	1-9	SALINE	1-10	SALINE
ENDOCRINE SYSTEM										
Adrenal Cortex	(21)	(12)		(21)		(21)		(20)		(21)
Adrenal Medulla	(21)	(11)		(20)		(21)		(20)		(21)
Islets, Pancreatic	(21)	(12)		(21)		(21)		(20)		(21)
Parathyroid Gland	(18)	(9)		(13)		(14)		(12)		(17)
Pituitary Gland	(19)	(10)		(19)		(21)		(17)		(15)
Thyroid Gland	(21)	(12)		(19)		(20)		(20)		(21)
GENERAL BODY SYSTEM										
None										
GENITAL SYSTEM										
Clitoral Gland	(14)	(7)		(15)		(14)		(17)		(16)
Ovary	(20)	(12)		(20)		(20)		(20)		(20)
Uterus	(21)	(12)		(21)		(21)		(21)		(20)
HEMATOPOIETIC SYSTEM										
Bone Marrow	(21)	(12)		(21)		(20)		(20)		(20)
Lymph Node, Mandibular	(15)	(10)		(11)		(19)		(17)		(19)
Lymph Node, Mesenteric	(20)	(11)		(19)		(21)		(20)		(18)
Spleen	(21)	(12)		(21)		(21)		(21)		(20)
Thymus	(21)	(12)		(21)		(21)		(21)		(18)
INTEGUMENTARY SYSTEM										
Mammary Gland	(21)	(12)		(20)		(21)		(21)		(21)
Skin	(21)	(12)		(21)		(21)		(21)		(21)
MUSCULOSKELETAL SYSTEM										
Bone	(21)	(12)		(21)		(20)		(20)		(21)
NERVOUS SYSTEM										

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BALB/C Mouse FEMALE	ISORMCONSALINE	TRTRMCONSALINE	1-7	SALINE	1-8	SALINE	1-9	SALINE	1-10	SALINE
Brain	(21)	(12)		(21)		(21)		(21)		(21)
Meninges, Lipoma							1 (5%)			
RESPIRATORY SYSTEM										
Lung	(21)	(12)		(20)		(21)		(21)		(21)
Alveolar/Bronchiolar Adenoma	1 (5%)					1 (5%)				
Nose	(21)	(11)		(21)		(21)		(21)		(21)
Trachea	(16)	(10)		(16)		(19)		(11)		(17)
SPECIAL SENSES SYSTEM										
Eye	(21)	(12)		(21)		(21)		(19)		(19)
Harderian Gland	(21)	(12)		(21)		(21)		(21)		(21)
URINARY SYSTEM										
Kidney	(21)	(12)		(21)		(21)		(21)		(21)
Urinary Bladder	(21)	(12)		(21)		(21)		(20)		(21)

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BALB/C Mouse FEMALE	ISORMCONSALINE	TRTRMCONSALINE	1-7	SALINE	1-8	SALINE	1-9	SALINE	1-10	SALINE
Tumor Summary for FEMALE										
Total Animals with Primary Neoplasms (b)	1				1		1			
Total Primary Neoplasms	1				1		1			
Total Animals with Benign Neoplasms	1				1		1			
Total Benign Neoplasms	1				1		1			
Total Animals with Malignant Neoplasms										
Total Malignant Neoplasms										
Total Animals with Metastatic Neoplasms										
Total Metastatic Neoplasms										
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

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