

Experiment Number: 20212-02
Test Type: 18-33 DAYS
Route: INTRADUCTAL CANNULATION
Species/Strain: Rat/F 344/N

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)

Test Compound: Adenoviral vector (hGH)

CAS Number: HGH

Date Report Requested: 10/16/2014

Time Report Requested: 17:34:28

First Dose M/F: NA / NA

Lab: MBA

C Number:	C20212
Lock Date:	06/16/2004
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Female
PWG Approval Date	NONE

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F 344/N Rat FEMALE	VEHICLE SALINE	VEHICLE HCQ	6.0 E9 SALINE	1.5 E11 HCQ	6.0 E9 HCQ	2.4 E8 HCQ
Disposition Summary						
Animals Initially In Study	12	12	12	12	12	12
Scheduled Sacrifice	4	4	4	4	4	4
Early Deaths						
Survivors						
Terminal Sacrifice	8	8	8	8	8	8
Animals Examined Microscopically	12	12	12	12	12	12
ALIMENTARY SYSTEM						
Esophagus	(12)	(12)	(12)	(12)	(12)	(12)
Intestine Large, Cecum	(12)	(12)	(12)	(12)	(12)	(12)
Hemorrhage, Focal						1 (8%)
Intestine Large, Colon	(12)	(12)	(12)	(12)	(12)	(12)
Intestine Large, Rectum	(12)	(12)	(12)	(12)	(12)	(12)
Intestine Small, Duodenum	(12)	(12)	(12)	(12)	(12)	(12)
Intestine Small, Ileum	(12)	(12)	(12)	(11)	(11)	(11)
Intestine Small, Jejunum	(12)	(12)	(12)	(11)	(11)	(12)
Liver	(12)	(12)	(12)	(12)	(12)	(12)
Hepatodiaphragmatic Nodule		1 (8%)	1 (8%)		2 (17%)	
Mesentery	(0)	(1)	(0)	(0)	(0)	(0)
Fat, Inflammation, Chronic Active, Focal		1 (100%)				
Pancreas	(12)	(12)	(12)	(12)	(12)	(12)
Artery, Polyarteritis				1 (8%)		
Infiltration Cellular, Mononuclear Cl, Focal		1 (8%)				
Salivary Glands	(12)	(12)	(12)	(12)	(12)	(12)
Left, Parotid Gl, Concretion			1 (8%)			
Left, Parotid Gl, Degeneration, Focal		2 (17%)	2 (17%)	3 (25%)	2 (17%)	1 (8%)
Left, Parotid Gl, Inflammation, Focal		1 (8%)	1 (8%)			
Left, Sublingul Gl, Degeneration, Diffuse			1 (8%)			
Left, Sublingul Gl, Inflammation, Diffuse			1 (8%)			

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

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Left, Submandibul GI, Degeneration, Diffuse	1 (8%)					
Left, Submandibul GI, Degeneration, Multifocal				1 (8%)		
Left, Submandibul GI, Inflammation, Diffuse	1 (8%)					
Left, Submandibul GI, Inflammation, Multifocal				1 (8%)		
Left, Submandibul GI, Necrosis, Diffuse	1 (8%)					
Left, Submandibul GI, Necrosis, Multifocal				1 (8%)		
Left, Submandibul GI, Regeneration, Multifocal				1 (8%)		
Parotid GI, Right, Degeneration, Diffuse			1 (8%)	1 (8%)		
Parotid GI, Right, Degeneration, Focal		2 (17%)	2 (17%)	1 (8%)	2 (17%)	2 (17%)
Parotid GI, Right, Inflammation, Focal			1 (8%)			
Right, Submandibul GI, Degeneration, Diffuse	2 (17%)	3 (25%)	3 (25%)	4 (33%)	4 (33%)	4 (33%)
Right, Submandibul GI, Degeneration, Focal		1 (8%)				1 (8%)
Right, Submandibul GI, Degeneration, Multifocal	1 (8%)		7 (58%)	7 (58%)	8 (67%)	7 (58%)
Right, Submandibul GI, Infarct			1 (8%)	1 (8%)		
Right, Submandibul GI, Inflammation, Diffuse	2 (17%)	2 (17%)	3 (25%)	4 (33%)	4 (33%)	4 (33%)
Right, Submandibul GI, Inflammation, Focal		1 (8%)				1 (8%)
Right, Submandibul GI, Inflammation, Multifocal			7 (58%)	7 (58%)	8 (67%)	7 (58%)
Right, Submandibul GI, Necrosis, Diffuse	2 (17%)	3 (25%)	3 (25%)	4 (33%)	4 (33%)	4 (33%)
Right, Submandibul GI, Necrosis, Focal		1 (8%)				1 (8%)
Right, Submandibul GI, Necrosis, Multifocal			7 (58%)	7 (58%)	8 (67%)	7 (58%)
Right, Submandibul GI, Regeneration, Focal						1 (8%)
Right, Submandibul GI, Regeneration, Multifocal			7 (58%)	7 (58%)	8 (67%)	7 (58%)
Stomach, Forestomach	(12)	(12)	(12)	(12)	(12)	(12)

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Stomach, Glandular	(12)	(12)	(12)	(12)	(12)	(12)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(12)	(12)	(12)	(12)	(12)	(12)
Heart	(12)	(12)	(12)	(12)	(12)	(12)
Cardiomyopathy	1 (8%)	1 (8%)		1 (8%)		1 (8%)
ENDOCRINE SYSTEM						
Adrenal Cortex	(12)	(12)	(12)	(12)	(12)	(12)
Adrenal Medulla	(12)	(12)	(12)	(12)	(12)	(12)
Islets, Pancreatic	(12)	(12)	(12)	(12)	(12)	(12)
Parathyroid Gland	(8)	(10)	(12)	(9)	(11)	(12)
Pituitary Gland	(11)	(12)	(8)	(10)	(12)	(12)
Thyroid Gland	(12)	(12)	(12)	(12)	(12)	(12)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(12)	(12)	(12)	(12)	(12)	(12)
Ovary	(12)	(12)	(12)	(12)	(12)	(12)
Uterus	(12)	(12)	(12)	(12)	(12)	(12)
Bilateral, Hydrometra					1 (8%)	1 (8%)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(12)	(12)	(12)	(12)	(12)	(12)
Lymph Node	(0)	(0)	(0)	(1)	(0)	(0)
Mediastinal, Hyperplasia, Lymphoid				1 (100%)		
Lymph Node, Mandibular	(0)	(0)	(0)	(0)	(1)	(0)
Lymph Node, Mesenteric	(12)	(12)	(12)	(12)	(12)	(12)
Spleen	(12)	(12)	(12)	(12)	(12)	(12)
Thymus	(12)	(12)	(12)	(12)	(12)	(12)
Depletion Lymphoid	10 (83%)	12 (100%)	10 (83%)	12 (100%)	12 (100%)	11 (92%)

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INTEGUMENTARY SYSTEM						
Mammary Gland	(12)	(12)	(12)	(12)	(12)	(12)
Arteriole, Necrosis				1 (8%)	1 (8%)	1 (8%)
Arteriole, Thrombosis					1 (8%)	1 (8%)
Venule, Necrosis				1 (8%)		
Skin	(12)	(12)	(12)	(12)	(12)	(12)
Dermis, Fibrosis				1 (8%)		1 (8%)
Epidermis, Hyperplasia, Focal						1 (8%)
Ulcer, Focal					1 (8%)	
MUSCULOSKELETAL SYSTEM						
Bone	(12)	(12)	(12)	(12)	(12)	(12)
NERVOUS SYSTEM						
Brain	(12)	(12)	(12)	(12)	(12)	(12)
RESPIRATORY SYSTEM						
Lung	(12)	(12)	(12)	(12)	(12)	(12)
Nose	(12)	(12)	(12)	(12)	(12)	(12)
Trachea	(12)	(12)	(12)	(12)	(12)	(12)
SPECIAL SENSES SYSTEM						
Eye	(12)	(12)	(9)	(11)	(9)	(12)
Cornea, Degeneration	1 (8%)	2 (17%)	2 (22%)	3 (27%)	2 (22%)	6 (50%)
Cornea, Degeneration, Focal					1 (11%)	
Cornea, Inflammation, Focal	1 (8%)		1 (11%)			
Cornea, Ulcer	2 (17%)					1 (8%)
Cornea, Ulcer, Focal				1 (9%)		
Sclera, Edema	1 (8%)					
Harderian Gland	(12)	(12)	(12)	(12)	(12)	(12)
Foreign Body		1 (8%)				
Infiltration Cellular, Mononuclear CI			1 (8%)			1 (8%)

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URINARY SYSTEM						
Kidney	(12)	(12)	(12)	(12)	(12)	(12)
Mineralization, Focal	12 (100%)	12 (100%)	12 (100%)	11 (92%)	11 (92%)	12 (100%)
Urinary Bladder	(12)	(12)	(12)	(12)	(12)	(12)

**** END OF REPORT ****