

Experiment Number: 20212-01
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: 10/23/2014

Time Report Requested: 07:20:48

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:	Male
PWG Approval Date	NONE

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F 344/N Rat MALE	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)	(11)
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)	(12)	(12)	(12)
Intestine Small, Jejunum	(12)	(12)	(12)	(12)	(12)	(12)
Liver	(12)	(12)	(12)	(12)	(12)	(12)
Pancreas	(12)	(12)	(12)	(12)	(12)	(12)
Atrophy, Focal	1 (8%)					
Duct, Concretion				1 (8%)		
Infiltration Cellular, Mononuclear CI, Focal				1 (8%)		
Salivary Glands	(12)	(12)	(12)	(12)	(12)	(12)
Left, Parotid GI, Degeneration, Diffuse					1 (8%)	
Left, Parotid GI, Degeneration, Focal			3 (25%)		1 (8%)	2 (17%)
Left, Sublingual GI, Degeneration, Diffuse	1 (8%)					
Left, Sublingual GI, Inflammation, Diffuse	1 (8%)					
Left, Submandibular GI, Degeneration, Diffuse					1 (8%)	
Left, Submandibular GI, Degeneration, Multifocal			1 (8%)			
Left, Submandibular GI, 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, 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%)	2 (17%)	3 (25%)	2 (17%)	2 (17%)
Parotid GI, Right, Degeneration, Focal	3 (25%)	1 (8%)			2 (17%)	2 (17%)
Right, Sublingul GI, Degeneration, Diffuse					1 (8%)	
Right, Sublingul GI, Inflammation, Diffuse					1 (8%)	
Right, Sublingul GI, Necrosis, Diffuse					1 (8%)	
Right, Submandibul GI, Degeneration, Diffuse	1 (8%)	5 (42%)	4 (33%)	4 (33%)	2 (17%)	4 (33%)
Right, Submandibul GI, Degeneration, Multifocal		1 (8%)	6 (50%)	5 (42%)	7 (58%)	8 (67%)
Right, Submandibul GI, Inflammation, Diffuse	1 (8%)	5 (42%)	4 (33%)	4 (33%)	2 (17%)	4 (33%)
Right, Submandibul GI, Inflammation, Multifocal		1 (8%)	6 (50%)	5 (42%)	6 (50%)	8 (67%)
Right, Submandibul GI, Necrosis, Diffuse	1 (8%)	5 (42%)	4 (33%)	4 (33%)	2 (17%)	4 (33%)
Right, Submandibul GI, Necrosis, Multifocal		1 (8%)	6 (50%)	5 (42%)	7 (58%)	8 (67%)
Right, Submandibul GI, Regeneration, Diffuse		1 (8%)				
Right, Submandibul GI, Regeneration, Multifocal		1 (8%)	6 (50%)	5 (42%)	5 (42%)	8 (67%)
Stomach, Forestomach	(12)	(12)	(12)	(12)	(12)	(12)
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	2 (17%)	3 (25%)	3 (25%)	4 (33%)	1 (8%)	3 (25%)
ENDOCRINE SYSTEM						

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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	(11)	(7)	(8)	(11)	(10)	(6)
Pituitary Gland	(12)	(11)	(11)	(11)	(11)	(12)
Thyroid Gland	(12)	(12)	(12)	(12)	(12)	(12)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(12)	(12)	(12)	(12)	(12)	(12)
Granuloma Sperm, Focal		1 (8%)		1 (8%)		
Preputial Gland	(10)	(10)	(11)	(9)	(9)	(11)
Prostate	(12)	(12)	(12)	(12)	(12)	(12)
Seminal Vesicle	(12)	(12)	(12)	(12)	(12)	(12)
Testes	(12)	(12)	(12)	(12)	(12)	(12)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(12)	(12)	(12)	(12)	(12)	(12)
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	8 (67%)	8 (67%)	10 (83%)	11 (92%)	8 (67%)	8 (67%)
INTEGUMENTARY SYSTEM						
Mammary Gland	(11)	(10)	(11)	(11)	(12)	(11)
Skin	(12)	(12)	(12)	(12)	(12)	(12)
MUSCULOSKELETAL SYSTEM						
Bone	(12)	(12)	(12)	(12)	(12)	(12)
NERVOUS SYSTEM						

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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						
Ear	(0)	(0)	(0)	(0)	(0)	(1)
Eye	(11)	(10)	(11)	(11)	(9)	(8)
Cornea, Degeneration	2 (18%)			2 (18%)	2 (22%)	
Cornea, Ulcer			1 (9%)			
Sclera, Edema				2 (18%)		
Sclera, Foreign Body	1 (9%)					
Harderian Gland	(12)	(12)	(12)	(12)	(12)	(12)
Artery, Polyarteritis			1 (8%)			
Infiltration Cellular, Mononuclear CI, Focal Necrosis	1 (8%)			1 (8%)		2 (17%)
URINARY SYSTEM						
Kidney	(12)	(12)	(12)	(12)	(12)	(12)
Mineralization, Focal					1 (8%)	
Renal Tubule, Dilatation					1 (8%)	
Urinary Bladder	(12)	(12)	(12)	(12)	(12)	(12)

**** END OF REPORT ****

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