

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

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

**Test Compound:** Adenoviral vector (hGH)  
**CAS Number:** HGH

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 17:34:33  
**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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**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)**  
 Test Compound: Adenoviral vector (hGH)  
 CAS Number: HGH

Date Report Requested: 10/16/2014  
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 First Dose M/F: NA / NA  
 Lab: MBA

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
<b>Disposition Summary</b>						
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
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(12)	(12)	(12)	(12)	(12)	(12)
Intestine Large, Cecum	(12)	(12)	(12)	(12)	(12)	(12)
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)
Mesentery	(0)	(1)	(0)	(0)	(0)	(0)
Pancreas	(12)	(12)	(12)	(12)	(12)	(12)
Salivary Glands	(12)	(12)	(12)	(12)	(12)	(12)
Stomach, Forestomach	(12)	(12)	(12)	(12)	(12)	(12)
Stomach, Glandular	(12)	(12)	(12)	(12)	(12)	(12)
<b>CARDIOVASCULAR SYSTEM</b>						
Blood Vessel	(12)	(12)	(12)	(12)	(12)	(12)
Heart	(12)	(12)	(12)	(12)	(12)	(12)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(12)	(12)	(12)	(12)	(12)	(12)

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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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)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Clitoral Gland	(12)	(12)	(12)	(12)	(12)	(12)
Ovary	(12)	(12)	(12)	(12)	(12)	(12)
Uterus	(12)	(12)	(12)	(12)	(12)	(12)
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(12)	(12)	(12)	(12)	(12)	(12)
Lymph Node	(0)	(0)	(0)	(1)	(0)	(0)
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)
<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(12)	(12)	(12)	(12)	(12)	(12)
Skin	(12)	(12)	(12)	(12)	(12)	(12)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(12)	(12)	(12)	(12)	(12)	(12)
<b>NERVOUS SYSTEM</b>						
Brain	(12)	(12)	(12)	(12)	(12)	(12)

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<b>RESPIRATORY SYSTEM</b>						
Lung	(12)	(12)	(12)	(12)	(12)	(12)
Nose	(12)	(12)	(12)	(12)	(12)	(12)
Trachea	(12)	(12)	(12)	(12)	(12)	(12)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(12)	(12)	(9)	(11)	(9)	(12)
Harderian Gland	(12)	(12)	(12)	(12)	(12)	(12)
<b>URINARY SYSTEM</b>						
Kidney	(12)	(12)	(12)	(12)	(12)	(12)
Urinary Bladder	(12)	(12)	(12)	(12)	(12)	(12)

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**VEHICLE SALINE**

**VEHICLE HCQ**

**6.0 E9 SALINE**

**1.5 E11 HCQ**

**6.0 E9 HCQ**

**2.4 E8 HCQ**

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**Tumor Summary for FEMALE**

**Total Animals with Primary Neoplasms (b)**

**Total Primary Neoplasms**

**Total Animals with Benign Neoplasms**

**Total Benign Neoplasms**

**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**

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**\*\* END OF REPORT \*\***

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