

TDMS No. 20537 - 01  
Test Type: 90-DAY  
Route: INTRADUCTAL CANNULATION  
Species/Strain: RATS/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
Adenoviral Vector (AdhAQP1)  
CAS Number: ADNIRVECAQP

Date Report Requested: 09/10/2009  
Time Report Requested: 09:40:22  
First Dose M/F: 07/18/05 / NA  
Lab: MBA

F1\_R2\_5Wk\_SSAC

|                      |                              |                             |                             |
|----------------------|------------------------------|-----------------------------|-----------------------------|
| C Number:            | C20537                       |                             |                             |
| Lock Date:           | 11/19/2007                   |                             |                             |
| Cage Range:          | ALL                          |                             |                             |
| Date Range:          | ALL                          |                             |                             |
| Reasons For Removal: | 25022 ACCK                   | 25017 SSAC                  |                             |
| Removal Date Range:  | ALL                          |                             |                             |
| Treatment Groups:    | Include 003 VEHCONTRCOHRTC   | Include 008 2-8ADHAQP1COHTC | Include 013 8-9ADHAQP1COHTC |
|                      | Include 018 2-11ADHAQP1COHTC |                             |                             |
| Study Gender:        | Male                         |                             |                             |
| TDMSE Version:       | 2.1.0                        |                             |                             |

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Lab: MBA

|                                                      |   |   |   |   |          |
|------------------------------------------------------|---|---|---|---|----------|
| DAY ON TEST                                          | 0 | 0 | 0 | 0 | 0        |
|                                                      | 0 | 0 | 0 | 0 | 0        |
|                                                      | 2 | 2 | 2 | 2 | 2        |
|                                                      | 9 | 4 | 9 | 9 | 9        |
|                                                      |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>VEHCONTRCOHRTC<br>ANIMAL ID | 0 | 0 | 0 | 0 | 0        |
|                                                      | 0 | 0 | 0 | 0 | 0        |
|                                                      | 0 | 0 | 0 | 0 | 0        |
|                                                      | 1 | 1 | 1 | 1 | 1        |
|                                                      | 1 | 2 | 3 | 4 | 5        |
|                                                      |   |   |   |   | * TOTALS |

ALIMENTARY SYSTEM

|                           |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|
| Esophagus                 | + | + | + | + | + | 5 |
| Intestine Large, Cecum    | + | + | + | + | + | 5 |
| Intestine Large, Colon    | + | + | + | + | + | 5 |
| Intestine Large, Rectum   | + | + | + | + | + | 5 |
| Intestine Small, Duodenum | + | + | + | + | + | 5 |
| Intestine Small, Ileum    | + | + | + | + | + | 5 |
| Intestine Small, Jejunum  | + | + | + | + | + | 5 |
| Liver                     | + | + | + | + | + | 5 |
| Oral Mucosa               | + | + | + | + | + | 5 |
| Pancreas                  | + | + | + | + | + | 5 |
| Salivary Glands           | + | + | + | + | + | 5 |
| Stomach, Forestomach      | + | + | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

|                       |  |   |   |   |   |   |
|-----------------------|--|---|---|---|---|---|
| DAY ON TEST           |  | 0 | 0 | 0 | 0 | 0 |
|                       |  | 0 | 0 | 0 | 0 | 0 |
|                       |  | 2 | 2 | 2 | 2 | 2 |
|                       |  | 9 | 4 | 9 | 9 | 9 |
| FISCHER 344 RATS MALE |  | 0 | 0 | 0 | 0 | 0 |
| VEHCONTRCOHRTC        |  | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID             |  | 0 | 0 | 0 | 0 | 0 |
|                       |  | 1 | 1 | 1 | 1 | 1 |
|                       |  | 1 | 2 | 3 | 4 | 5 |
| * TOTALS              |  |   |   |   |   |   |
| Stomach, Glandular    |  | + | + | + | + | 5 |
| Tongue                |  | + | + | + | + | 5 |
| CARDIOVASCULAR SYSTEM |  |   |   |   |   |   |
| Blood Vessel          |  | + | + | + | + | 5 |
| Heart                 |  | + | + | + | + | 5 |
| ENDOCRINE SYSTEM      |  |   |   |   |   |   |
| Adrenal Cortex        |  | + | + | + | + | 5 |
| Adrenal Medulla       |  | + | + | + | + | 5 |
| Islets, Pancreatic    |  | + | + | + | + | 5 |
| Parathyroid Gland     |  | + | + | + | + | 5 |
| Pituitary Gland       |  | + | + | + | + | 5 |
| Thyroid Gland         |  | + | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

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|                                                      |   |   |   |   |          |
|------------------------------------------------------|---|---|---|---|----------|
| DAY ON TEST                                          | 0 | 0 | 0 | 0 | 0        |
|                                                      | 0 | 0 | 0 | 0 | 0        |
|                                                      | 2 | 2 | 2 | 2 | 2        |
|                                                      | 9 | 4 | 9 | 9 | 9        |
|                                                      |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>VEHCONTRCOHRTC<br>ANIMAL ID | 0 | 0 | 0 | 0 | 0        |
|                                                      | 0 | 0 | 0 | 0 | 0        |
|                                                      | 0 | 0 | 0 | 0 | 0        |
|                                                      | 1 | 1 | 1 | 1 | 1        |
|                                                      | 1 | 2 | 3 | 4 | 5        |
|                                                      |   |   |   |   | * TOTALS |

GENERAL BODY SYSTEM  
NONE

GENITAL SYSTEM

|                 |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|
| Epididymis      | + | + | + | + | + | 5 |
| Preputial Gland | + | + | + | + | + | 5 |
| Prostate        | + | + | + | + | + | 5 |
| Seminal Vesicle | + | + | + | + | + | 5 |
| Testes          | + | + | + | + | + | 5 |

HEMATOPOIETIC SYSTEM

|                        |   |   |   |   |   |   |
|------------------------|---|---|---|---|---|---|
| Bone Marrow            | + | + | + | + | + | 5 |
| Lymph Node, Mandibular | M | M | M | M | M | 0 |
| Lymph Node, Mesenteric | + | I | + | + | + | 4 |
| Spleen                 | + | + | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
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Adenoviral Vector (AdhAQP1)  
CAS Number: ADNIRVECAQP

Date Report Requested: 09/10/2009  
Time Report Requested: 09:40:22  
First Dose M/F: 07/18/05 / NA  
Lab: MBA

|                                                      |   |   |   |   |          |
|------------------------------------------------------|---|---|---|---|----------|
| DAY ON TEST                                          | 0 | 0 | 0 | 0 | 0        |
|                                                      | 0 | 0 | 0 | 0 | 0        |
|                                                      | 2 | 2 | 2 | 2 | 2        |
|                                                      | 9 | 4 | 9 | 9 | 9        |
|                                                      |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>VEHCONTRCOHRTC<br>ANIMAL ID | 0 | 0 | 0 | 0 | 0        |
|                                                      | 0 | 0 | 0 | 0 | 0        |
|                                                      | 0 | 0 | 0 | 0 | 0        |
|                                                      | 1 | 1 | 1 | 1 | 1        |
|                                                      | 1 | 2 | 3 | 4 | 5        |
|                                                      |   |   |   |   | * TOTALS |

|        |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|
| Thymus | + | + | + | + | + | 5 |
|--------|---|---|---|---|---|---|

INTEGUMENTARY SYSTEM

|               |   |   |   |   |   |   |
|---------------|---|---|---|---|---|---|
| Mammary Gland | M | M | + | M | + | 2 |
| Skin          | + | + | + | + | + | 5 |

MUSCULOSKELETAL SYSTEM

|      |   |   |   |   |   |   |
|------|---|---|---|---|---|---|
| Bone | + | + | + | + | + | 5 |
|------|---|---|---|---|---|---|

NERVOUS SYSTEM

|       |   |   |   |   |   |   |
|-------|---|---|---|---|---|---|
| Brain | + | + | + | + | + | 5 |
|-------|---|---|---|---|---|---|

RESPIRATORY SYSTEM

|         |   |   |   |   |   |   |
|---------|---|---|---|---|---|---|
| Lung    | + | + | + | + | + | 5 |
| Nose    | + | + | + | + | + | 5 |
| Trachea | + | + | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
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First Dose M/F: 07/18/05 / NA  
Lab: MBA

|                                                      |   |   |   |   |          |
|------------------------------------------------------|---|---|---|---|----------|
| DAY ON TEST                                          | 0 | 0 | 0 | 0 | 0        |
|                                                      | 0 | 0 | 0 | 0 | 0        |
|                                                      | 2 | 2 | 2 | 2 | 2        |
|                                                      | 9 | 4 | 9 | 9 | 9        |
|                                                      |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>VEHCONTRCOHRTC<br>ANIMAL ID | 0 | 0 | 0 | 0 | 0        |
|                                                      | 0 | 0 | 0 | 0 | 0        |
|                                                      | 0 | 0 | 0 | 0 | 0        |
|                                                      | 1 | 1 | 1 | 1 | 1        |
|                                                      | 1 | 2 | 3 | 4 | 5        |
|                                                      |   |   |   |   | * TOTALS |

SPECIAL SENSES SYSTEM

|                 |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|
| Eye             | + | + | + | + | + | 5 |
| Harderian Gland | + | + | + | + | + | 5 |

URINARY SYSTEM

|                 |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|
| Kidney          | + | + | + | + | + | 5 |
| Urinary Bladder | + | + | + | + | + | 5 |

SYSTEMIC LESIONS

|                |   |   |   |   |   |   |
|----------------|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | 5 |
|----------------|---|---|---|---|---|---|

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 Lab: MBA

|                       |             |   |   |   |   |          |
|-----------------------|-------------|---|---|---|---|----------|
|                       | DAY ON TEST | 0 | 0 | 0 | 0 | 0        |
|                       |             | 0 | 0 | 0 | 0 | 0        |
|                       |             | 2 | 2 | 2 | 2 | 2        |
|                       |             | 9 | 9 | 9 | 9 | 9        |
|                       |             |   |   |   |   |          |
| FISCHER 344 RATS MALE | ANIMAL ID   | 0 | 0 | 0 | 0 | 0        |
|                       |             | 0 | 0 | 0 | 0 | 0        |
| 2-8ADHAQP1COHTC       |             | 0 | 0 | 0 | 2 | 2        |
|                       |             | 3 | 3 | 4 | 3 | 3        |
|                       |             | 7 | 8 | 0 | 6 | 9        |
|                       |             |   |   |   |   | * TOTALS |

## ALIMENTARY SYSTEM

|                           |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|
| Esophagus                 | + | + | + | + | + | 5 |
| Intestine Large, Cecum    | + | + | + | + | + | 5 |
| Intestine Large, Colon    | + | + | + | + | + | 5 |
| Intestine Large, Rectum   | + | + | + | + | + | 5 |
| Intestine Small, Duodenum | + | + | + | + | + | 5 |
| Intestine Small, Ileum    | + | + | + | + | + | 5 |
| Intestine Small, Jejunum  | + | + | + | + | + | 5 |
| Liver                     | + | + | + | + | + | 5 |
| Oral Mucosa               | + | + | + | + | + | 5 |
| Pancreas                  | + | + | + | + | + | 5 |
| Salivary Glands           | + | + | + | + | + | 5 |
| Stomach, Forestomach      | + | + | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 x .. Lesion present  
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|                       |  |          |   |   |   |   |
|-----------------------|--|----------|---|---|---|---|
| DAY ON TEST           |  | 0        | 0 | 0 | 0 | 0 |
|                       |  | 0        | 0 | 0 | 0 | 0 |
|                       |  | 2        | 2 | 2 | 2 | 2 |
|                       |  | 9        | 9 | 9 | 9 | 9 |
| FISCHER 344 RATS MALE |  | 0        | 0 | 0 | 0 | 0 |
| ANIMAL ID             |  | 0        | 0 | 0 | 0 | 0 |
| 2-8ADHAQP1COHTC       |  | 0        | 0 | 0 | 2 | 2 |
|                       |  | 3        | 3 | 4 | 3 | 3 |
|                       |  | 7        | 8 | 0 | 6 | 9 |
|                       |  | * TOTALS |   |   |   |   |
| Stomach, Glandular    |  | +        | + | + | + | 5 |
| Tongue                |  | +        | + | + | + | 5 |
| CARDIOVASCULAR SYSTEM |  |          |   |   |   |   |
| Blood Vessel          |  | +        | + | + | + | 5 |
| Heart                 |  | +        | + | + | + | 5 |
| ENDOCRINE SYSTEM      |  |          |   |   |   |   |
| Adrenal Cortex        |  | +        | + | + | + | 5 |
| Adrenal Medulla       |  | +        | + | + | I | 4 |
| Islets, Pancreatic    |  | +        | + | + | + | 5 |
| Parathyroid Gland     |  | +        | + | + | + | 5 |
| Pituitary Gland       |  | I        | + | + | + | 4 |
| Thyroid Gland         |  | +        | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

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|                                                       |   |   |   |   |          |
|-------------------------------------------------------|---|---|---|---|----------|
| DAY ON TEST                                           | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 0 | 0        |
|                                                       | 2 | 2 | 2 | 2 | 2        |
|                                                       | 9 | 9 | 9 | 9 | 9        |
|                                                       |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>ANIMAL ID<br>2-8ADHAQP1COHTC | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 2 | 2        |
|                                                       | 3 | 3 | 4 | 3 | 3        |
|                                                       | 7 | 8 | 0 | 6 | 9        |
|                                                       |   |   |   |   | * TOTALS |

GENERAL BODY SYSTEM  
NONE

GENITAL SYSTEM

|                 |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|
| Epididymis      | + | + | + | + | + | 5 |
| Preputial Gland | + | + | + | + | + | 5 |
| Prostate        | + | + | + | + | + | 5 |
| Seminal Vesicle | + | + | + | + | + | 5 |
| Testes          | + | + | + | + | + | 5 |

HEMATOPOIETIC SYSTEM

|                        |   |   |   |   |   |   |
|------------------------|---|---|---|---|---|---|
| Bone Marrow            | + | + | + | + | + | 5 |
| Lymph Node, Mandibular | M | M | M | M | M | 0 |
| Lymph Node, Mesenteric | + | + | + | + | + | 5 |
| Spleen                 | + | + | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
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First Dose M/F: 07/18/05 / NA  
Lab: MBA

|                                                       |   |   |   |   |          |
|-------------------------------------------------------|---|---|---|---|----------|
| DAY ON TEST                                           | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 0 | 0        |
|                                                       | 2 | 2 | 2 | 2 | 2        |
|                                                       | 9 | 9 | 9 | 9 | 9        |
|                                                       |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>ANIMAL ID<br>2-8ADHAQP1COHTC | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 2 | 2        |
|                                                       | 3 | 3 | 4 | 3 | 3        |
|                                                       | 7 | 8 | 0 | 6 | 9        |
|                                                       |   |   |   |   | * TOTALS |

|        |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|
| Thymus | + | + | + | + | + | 5 |
|--------|---|---|---|---|---|---|

INTEGUMENTARY SYSTEM

|               |   |   |   |   |   |   |
|---------------|---|---|---|---|---|---|
| Mammary Gland | + | + | M | M | M | 2 |
| Skin          | + | + | + | + | + | 5 |

MUSCULOSKELETAL SYSTEM

|      |   |   |   |   |   |   |
|------|---|---|---|---|---|---|
| Bone | + | + | + | + | + | 5 |
|------|---|---|---|---|---|---|

NERVOUS SYSTEM

|       |   |   |   |   |   |   |
|-------|---|---|---|---|---|---|
| Brain | + | + | + | + | + | 5 |
|-------|---|---|---|---|---|---|

RESPIRATORY SYSTEM

|         |   |   |   |   |   |   |
|---------|---|---|---|---|---|---|
| Lung    | + | + | + | + | + | 5 |
| Nose    | + | + | + | + | + | 5 |
| Trachea | + | + | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
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|                                                       |   |   |   |   |          |
|-------------------------------------------------------|---|---|---|---|----------|
| DAY ON TEST                                           | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 0 | 0        |
|                                                       | 2 | 2 | 2 | 2 | 2        |
|                                                       | 9 | 9 | 9 | 9 | 9        |
|                                                       |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>ANIMAL ID<br>2-8ADHAQP1COHTC | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 2 | 2        |
|                                                       | 3 | 3 | 4 | 3 | 3        |
|                                                       | 7 | 8 | 0 | 6 | 9        |
|                                                       |   |   |   |   | * TOTALS |

SPECIAL SENSES SYSTEM

|                 |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|
| Eye             | + | + | + | + | + | 5 |
| Harderian Gland | + | + | + | + | + | 5 |

URINARY SYSTEM

|                 |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|
| Kidney          | + | + | + | + | + | 5 |
| Urinary Bladder | + | + | + | + | + | 5 |

SYSTEMIC LESIONS

|                |   |   |   |   |   |   |
|----------------|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | 5 |
|----------------|---|---|---|---|---|---|

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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 Lab: MBA

|                                             |           |   |   |   |   |          |
|---------------------------------------------|-----------|---|---|---|---|----------|
|                                             |           | 0 | 0 | 0 | 0 | 0        |
| DAY ON TEST                                 |           | 0 | 0 | 0 | 0 | 0        |
|                                             |           | 2 | 2 | 2 | 2 | 2        |
|                                             |           | 9 | 9 | 9 | 9 | 9        |
| <hr style="border-top: 1px dotted black;"/> |           |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>8-9ADHAQP1COHTC    | ANIMAL ID | 0 | 0 | 0 | 0 | 0        |
|                                             |           | 0 | 0 | 0 | 0 | 0        |
|                                             |           | 0 | 0 | 0 | 0 | 0        |
|                                             |           | 6 | 6 | 6 | 6 | 6        |
|                                             |           | 1 | 2 | 3 | 4 | 5        |
|                                             |           |   |   |   |   | * TOTALS |

## ALIMENTARY SYSTEM

|                           |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|
| Esophagus                 | + | + | + | + | + | 5 |
| Intestine Large, Cecum    | + | + | + | + | + | 5 |
| Intestine Large, Colon    | + | + | + | + | + | 5 |
| Intestine Large, Rectum   | + | + | + | + | + | 5 |
| Intestine Small, Duodenum | + | + | + | + | + | 5 |
| Intestine Small, Ileum    | + | + | + | + | + | 5 |
| Intestine Small, Jejunum  | + | + | + | + | + | 5 |
| Liver                     | + | + | + | + | + | 5 |
| Oral Mucosa               | + | + | + | + | + | 5 |
| Pancreas                  | + | + | + | + | + | 5 |
| Salivary Glands           | + | + | + | + | + | 5 |
| Stomach, Forestomach      | + | + | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
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|                       |  |          |   |   |   |   |
|-----------------------|--|----------|---|---|---|---|
| DAY ON TEST           |  | 0        | 0 | 0 | 0 | 0 |
|                       |  | 0        | 0 | 0 | 0 | 0 |
|                       |  | 2        | 2 | 2 | 2 | 2 |
|                       |  | 9        | 9 | 9 | 9 | 9 |
| FISCHER 344 RATS MALE |  | 0        | 0 | 0 | 0 | 0 |
| ANIMAL ID             |  | 0        | 0 | 0 | 0 | 0 |
| 8-9ADHAQP1COHTC       |  | 0        | 0 | 0 | 0 | 0 |
|                       |  | 6        | 6 | 6 | 6 | 6 |
|                       |  | 1        | 2 | 3 | 4 | 5 |
|                       |  | * TOTALS |   |   |   |   |
| Stomach, Glandular    |  | +        | + | + | + | 5 |
| Tongue                |  | +        | + | + | + | 5 |
| CARDIOVASCULAR SYSTEM |  |          |   |   |   |   |
| Blood Vessel          |  | +        | + | + | + | 5 |
| Heart                 |  | +        | + | + | + | 5 |
| ENDOCRINE SYSTEM      |  |          |   |   |   |   |
| Adrenal Cortex        |  | +        | + | + | + | 5 |
| Adrenal Medulla       |  | +        | + | + | + | 5 |
| Islets, Pancreatic    |  | +        | + | + | + | 5 |
| Parathyroid Gland     |  | +        | + | + | M | 4 |
| Pituitary Gland       |  | +        | + | + | + | 5 |
| Thyroid Gland         |  | +        | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

|                                                       |   |   |   |   |          |
|-------------------------------------------------------|---|---|---|---|----------|
| DAY ON TEST                                           | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 0 | 0        |
|                                                       | 2 | 2 | 2 | 2 | 2        |
|                                                       | 9 | 9 | 9 | 9 | 9        |
|                                                       |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>ANIMAL ID<br>8-9ADHAQP1COHTC | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 0 | 0        |
|                                                       | 6 | 6 | 6 | 6 | 6        |
|                                                       | 1 | 2 | 3 | 4 | 5        |
|                                                       |   |   |   |   | * TOTALS |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

|                 |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|
| Epididymis      | + | + | + | + | + | 5 |
| Preputial Gland | + | + | + | + | + | 5 |
| Prostate        | + | + | + | + | + | 5 |
| Seminal Vesicle | + | + | + | + | + | 5 |
| Testes          | + | + | + | + | + | 5 |

HEMATOPOIETIC SYSTEM

|                        |   |   |   |   |   |   |
|------------------------|---|---|---|---|---|---|
| Bone Marrow            | + | + | + | + | + | 5 |
| Lymph Node, Mandibular | M | M | M | M | M | 0 |
| Lymph Node, Mesenteric | + | + | + | + | + | 5 |
| Spleen                 | + | + | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

|                        |  |   |   |   |   |   |          |
|------------------------|--|---|---|---|---|---|----------|
| DAY ON TEST            |  | 0 | 0 | 0 | 0 | 0 |          |
|                        |  | 0 | 0 | 0 | 0 | 0 |          |
|                        |  | 2 | 2 | 2 | 2 | 2 |          |
|                        |  | 9 | 9 | 9 | 9 | 9 |          |
| FISCHER 344 RATS MALE  |  | 0 | 0 | 0 | 0 | 0 |          |
| ANIMAL ID              |  | 0 | 0 | 0 | 0 | 0 |          |
| 8-9ADHAQP1COHTC        |  | 0 | 0 | 0 | 0 | 0 |          |
|                        |  | 6 | 6 | 6 | 6 | 6 |          |
|                        |  | 1 | 2 | 3 | 4 | 5 |          |
|                        |  |   |   |   |   |   | * TOTALS |
| Thymus                 |  | + | + | + | + | + | 5        |
| INTEGUMENTARY SYSTEM   |  |   |   |   |   |   |          |
| Mammary Gland          |  | + | M | M | + | M | 2        |
| Skin                   |  | + | + | + | + | + | 5        |
| MUSCULOSKELETAL SYSTEM |  |   |   |   |   |   |          |
| Bone                   |  | + | + | + | + | + | 5        |
| NERVOUS SYSTEM         |  |   |   |   |   |   |          |
| Brain                  |  | + | + | + | + | + | 5        |
| RESPIRATORY SYSTEM     |  |   |   |   |   |   |          |
| Lung                   |  | + | + | + | + | + | 5        |
| Nose                   |  | + | + | + | + | + | 5        |
| Trachea                |  | + | + | + | + | + | 5        |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

TDMS No. 20537 - 01  
Test Type: 90-DAY  
Route: INTRADUCTAL CANNULATION  
Species/Strain: RATS/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
Adenoviral Vector (AdhAQP1)  
CAS Number: ADNIRVECAQP

Date Report Requested: 09/10/2009  
Time Report Requested: 09:40:22  
First Dose M/F: 07/18/05 / NA  
Lab: MBA

|                                                       |   |   |   |   |          |
|-------------------------------------------------------|---|---|---|---|----------|
| DAY ON TEST                                           | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 0 | 0        |
|                                                       | 2 | 2 | 2 | 2 | 2        |
|                                                       | 9 | 9 | 9 | 9 | 9        |
|                                                       |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>ANIMAL ID<br>8-9ADHAQP1COHTC | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 0 | 0        |
|                                                       | 0 | 0 | 0 | 0 | 0        |
|                                                       | 6 | 6 | 6 | 6 | 6        |
|                                                       | 1 | 2 | 3 | 4 | 5        |
|                                                       |   |   |   |   | * TOTALS |

SPECIAL SENSES SYSTEM

|                 |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|
| Eye             | + | + | + | + | + | 5 |
| Harderian Gland | + | + | + | + | + | 5 |

URINARY SYSTEM

|                 |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|
| Kidney          | + | + | + | + | + | 5 |
| Urinary Bladder | + | + | + | + | + | 5 |

SYSTEMIC LESIONS

|                |   |   |   |   |   |   |
|----------------|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | 5 |
|----------------|---|---|---|---|---|---|

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 20537 - 01  
 Test Type: 90-DAY  
 Route: INTRADUCTAL CANNULATION  
 Species/Strain: RATS/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Adenoviral Vector (AdhAQP1)  
 CAS Number: ADNIRVECAQP

Date Report Requested: 09/10/2009  
 Time Report Requested: 09:40:22  
 First Dose M/F: 07/18/05 / NA  
 Lab: MBA

|                                             |           |   |   |   |   |          |
|---------------------------------------------|-----------|---|---|---|---|----------|
|                                             |           | 0 | 0 | 0 | 0 | 0        |
| DAY ON TEST                                 |           | 0 | 0 | 0 | 0 | 0        |
|                                             |           | 2 | 2 | 2 | 2 | 2        |
|                                             |           | 9 | 9 | 9 | 9 | 9        |
| <hr style="border-top: 1px dotted black;"/> |           |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>2-11ADHAQP1COHTC   | ANIMAL ID | 0 | 0 | 0 | 0 | 0        |
|                                             |           | 0 | 0 | 0 | 0 | 0        |
|                                             |           | 0 | 0 | 0 | 0 | 0        |
|                                             |           | 8 | 8 | 8 | 8 | 9        |
|                                             |           | 6 | 7 | 8 | 9 | 0        |
|                                             |           |   |   |   |   | * TOTALS |

## ALIMENTARY SYSTEM

|                           |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|
| Esophagus                 | + | + | + | + | + | 5 |
| Intestine Large, Cecum    | + | + | + | + | + | 5 |
| Intestine Large, Colon    | + | + | + | + | + | 5 |
| Intestine Large, Rectum   | + | + | + | + | + | 5 |
| Intestine Small, Duodenum | + | + | + | + | + | 5 |
| Intestine Small, Ileum    | + | + | + | + | + | 5 |
| Intestine Small, Jejunum  | + | + | + | + | + | 5 |
| Liver                     | + | + | + | + | + | 5 |
| Oral Mucosa               | + | + | + | + | + | 5 |
| Pancreas                  | + | + | + | + | + | 5 |
| Salivary Glands           | + | + | + | + | + | 5 |
| Stomach, Forestomach      | + | + | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

|                                                        |   |   |   |   |   |          |
|--------------------------------------------------------|---|---|---|---|---|----------|
| DAY ON TEST                                            | 0 | 0 | 0 | 0 | 0 |          |
|                                                        | 0 | 0 | 0 | 0 | 0 |          |
|                                                        | 2 | 2 | 2 | 2 | 2 |          |
|                                                        | 9 | 9 | 9 | 9 | 9 |          |
|                                                        |   |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>2-11ADHAQP1COHTC<br>ANIMAL ID | 0 | 0 | 0 | 0 | 0 |          |
|                                                        | 0 | 0 | 0 | 0 | 0 |          |
|                                                        | 0 | 0 | 0 | 0 | 0 |          |
|                                                        | 8 | 8 | 8 | 8 | 9 |          |
|                                                        | 6 | 7 | 8 | 9 | 0 |          |
|                                                        |   |   |   |   |   | * TOTALS |
| Stomach, Glandular                                     |   |   |   |   |   | 5        |
| Tongue                                                 |   |   |   |   |   | 5        |
| CARDIOVASCULAR SYSTEM                                  |   |   |   |   |   |          |
| Blood Vessel                                           |   |   |   |   |   | 5        |
| Heart                                                  |   |   |   |   |   | 5        |
| ENDOCRINE SYSTEM                                       |   |   |   |   |   |          |
| Adrenal Cortex                                         |   |   |   |   |   | 5        |
| Adrenal Medulla                                        |   |   |   |   |   | 5        |
| Islets, Pancreatic                                     |   |   |   |   |   | 5        |
| Parathyroid Gland                                      |   |   |   |   |   | 5        |
| Pituitary Gland                                        |   |   |   |   |   | 4        |
| Thyroid Gland                                          |   |   |   |   |   | 5        |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

|                                                        |   |   |   |   |          |
|--------------------------------------------------------|---|---|---|---|----------|
| DAY ON TEST                                            | 0 | 0 | 0 | 0 | 0        |
|                                                        | 0 | 0 | 0 | 0 | 0        |
|                                                        | 2 | 2 | 2 | 2 | 2        |
|                                                        | 9 | 9 | 9 | 9 | 9        |
|                                                        |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>ANIMAL ID<br>2-11ADHAQP1COHTC | 0 | 0 | 0 | 0 | 0        |
|                                                        | 0 | 0 | 0 | 0 | 0        |
|                                                        | 0 | 0 | 0 | 0 | 0        |
|                                                        | 8 | 8 | 8 | 8 | 9        |
|                                                        | 6 | 7 | 8 | 9 | 0        |
|                                                        |   |   |   |   | * TOTALS |

GENERAL BODY SYSTEM  
NONE

GENITAL SYSTEM

|                 |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|
| Epididymis      | + | + | + | + | + | 5 |
| Preputial Gland | + | + | + | + | + | 5 |
| Prostate        | + | + | + | + | + | 5 |
| Seminal Vesicle | + | + | + | + | + | 5 |
| Testes          | + | + | + | + | + | 5 |

HEMATOPOIETIC SYSTEM

|                        |   |   |   |   |   |   |
|------------------------|---|---|---|---|---|---|
| Bone Marrow            | + | + | + | + | + | 5 |
| Lymph Node, Mandibular | M | M | M | M | M | 0 |
| Lymph Node, Mesenteric | + | + | + | + | + | 5 |
| Spleen                 | + | + | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

TDMS No. 20537 - 01  
Test Type: 90-DAY  
Route: INTRADUCTAL CANNULATION  
Species/Strain: RATS/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
Adenoviral Vector (AdhAQP1)  
CAS Number: ADNIRVECAQP

Date Report Requested: 09/10/2009  
Time Report Requested: 09:40:22  
First Dose M/F: 07/18/05 / NA  
Lab: MBA

|                                                        |   |   |   |   |          |
|--------------------------------------------------------|---|---|---|---|----------|
| DAY ON TEST                                            | 0 | 0 | 0 | 0 | 0        |
|                                                        | 0 | 0 | 0 | 0 | 0        |
|                                                        | 2 | 2 | 2 | 2 | 2        |
|                                                        | 9 | 9 | 9 | 9 | 9        |
|                                                        |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>ANIMAL ID<br>2-11ADHAQP1COHTC | 0 | 0 | 0 | 0 | 0        |
|                                                        | 0 | 0 | 0 | 0 | 0        |
|                                                        | 0 | 0 | 0 | 0 | 0        |
|                                                        | 8 | 8 | 8 | 8 | 9        |
|                                                        | 6 | 7 | 8 | 9 | 0        |
|                                                        |   |   |   |   | * TOTALS |

|        |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|
| Thymus | + | + | + | + | + | 5 |
|--------|---|---|---|---|---|---|

INTEGUMENTARY SYSTEM

|               |   |   |   |   |   |   |
|---------------|---|---|---|---|---|---|
| Mammary Gland | + | M | + | M | + | 3 |
| Skin          | + | + | + | + | + | 5 |

MUSCULOSKELETAL SYSTEM

|      |   |   |   |   |   |   |
|------|---|---|---|---|---|---|
| Bone | + | + | + | + | + | 5 |
|------|---|---|---|---|---|---|

NERVOUS SYSTEM

|       |   |   |   |   |   |   |
|-------|---|---|---|---|---|---|
| Brain | + | + | + | + | + | 5 |
|-------|---|---|---|---|---|---|

RESPIRATORY SYSTEM

|         |   |   |   |   |   |   |
|---------|---|---|---|---|---|---|
| Lung    | + | + | + | + | + | 5 |
| Nose    | + | + | + | + | + | 5 |
| Trachea | + | + | + | + | + | 5 |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
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M .. Missing tissue  
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BLANK .. Not examined microscopically

TDMS No. 20537 - 01  
Test Type: 90-DAY  
Route: INTRADUCTAL CANNULATION  
Species/Strain: RATS/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
Adenoviral Vector (AdhAQP1)  
CAS Number: ADNIRVECAQP

Date Report Requested: 09/10/2009  
Time Report Requested: 09:40:22  
First Dose M/F: 07/18/05 / NA  
Lab: MBA

|                                                        |   |   |   |   |          |
|--------------------------------------------------------|---|---|---|---|----------|
| DAY ON TEST                                            | 0 | 0 | 0 | 0 | 0        |
|                                                        | 0 | 0 | 0 | 0 | 0        |
|                                                        | 2 | 2 | 2 | 2 | 2        |
|                                                        | 9 | 9 | 9 | 9 | 9        |
|                                                        |   |   |   |   |          |
| FISCHER 344 RATS MALE<br>ANIMAL ID<br>2-11ADHAQP1COHTC | 0 | 0 | 0 | 0 | 0        |
|                                                        | 0 | 0 | 0 | 0 | 0        |
|                                                        | 0 | 0 | 0 | 0 | 0        |
|                                                        | 8 | 8 | 8 | 8 | 9        |
|                                                        | 6 | 7 | 8 | 9 | 0        |
|                                                        |   |   |   |   | * TOTALS |

SPECIAL SENSES SYSTEM

|                 |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|
| Eye             | + | + | + | + | + | 5 |
| Harderian Gland | + | + | + | + | + | 5 |

URINARY SYSTEM

|                 |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|
| Kidney          | + | + | + | + | + | 5 |
| Urinary Bladder | + | + | + | + | + | 5 |

SYSTEMIC LESIONS

|                |   |   |   |   |   |   |
|----------------|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | 5 |
|----------------|---|---|---|---|---|---|

\*\*\* END OF MALE DATA \*\*\*

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

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically