

TDMS No. 20537 - 02
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Adenoviral Vector (AdhAQP1)
CAS Number: ADN VIRVECAQP

Date Report Requested: 09/10/2009
Time Report Requested: 11:35:30
First Dose M/F: NA / 07/25/05
Lab: MBA

F1_R2_5Wk_SSAC

C Number:	C20537		
Lock Date:	11/19/2007		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	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:	Female		
TDMSE Version:	2.1.0		

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 FEMALE VEHCONTRCOHRTC ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	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	
Inflammation				1			1 1.0
Oral Mucosa	+	+	+	+	+	5	
Pancreas	+	+	+	+	+	5	
Salivary Glands	+		+	+	+	4	
Right, Submandibular Gland, Regeneration	2		1	2	1		4 1.5

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
Page 2

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

		0	0	0	0	0		
DAY ON TEST		0	0	0	0	0		
		2	2	2	2	2		
		9	9	9	9	9		
FISCHER 344 RATS FEMALE		0	0	0	0	0		
ANIMAL ID		0	0	0	0	0		
VEHCONTRCOHRTC		1	1	1	1	1		
		1	1	1	1	1		
		1	2	3	4	5		
								* TOTALS
Stomach, Forestomach		+	+	+	+	+	5	
Stomach, Glandular Mineralization		+	+	+	+	+	5	
							1	1 1.0
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	

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
Page 3

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

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 FEMALE VEHCONTRCOHRTC ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	1	1	1	1	1
	1	2	3	4	5
					* TOTALS

Thyroid Gland	+	+	+	+	+	5
---------------	---	---	---	---	---	---

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	5
Ovary	+	+	+	+	+	5
Uterus	+	+	+	+	+	5

HEMATOPOIETIC SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue

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

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Page 4

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 FEMALE VEHCONTRCOHRTC ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	1	1	1	1	1
	1	2	3	4	5
					* TOTALS

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	5
Skin	+	+	+	+	+	5

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5

SPECIAL SENSES SYSTEM

TDMS No. 20537 - 02
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Adenoviral Vector (AdhAQP1)
CAS Number: ADNIRVECAQP

Date Report Requested: 09/10/2009
Time Report Requested: 11:35:30
First Dose M/F: NA / 07/25/05
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		
FISCHER 344 RATS FEMALE		0	0	0	0	0		
ANIMAL ID		0	0	0	0	0		
VEHCONTRCOHRTC		1	1	1	1	1		
		1	1	1	1	1		
		1	2	3	4	5	* TOTALS	
Eye		+	+	+	+	+	5	
Cornea, Inflammation, Focal, Acute		3					1 3.0	
Harderian Gland		+	+	+	+	+	5	
URINARY SYSTEM								
Kidney		+	+	+	+	+	5	
Urinary Bladder		+	+	+	+	+	5	

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 6

TDMS No. 20537 - 02
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Adenoviral Vector (AdhAQP1)
CAS Number: ADNIRVECAQP

Date Report Requested: 09/10/2009
Time Report Requested: 11:35:30
First Dose M/F: NA / 07/25/05
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 FEMALE 2-8ADHAQP1COHTC ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	3	3	3	3	4
	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	+		+	+	+	4
Right, Submandibular Gland, Regeneration	2		2	2	2	4 2.0
Stomach, Forestomach	+	+	+	+	+	5

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 7

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20537 - 02
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Adenoviral Vector (AdhAQP1)
CAS Number: ADN VIRVECAQP

Date Report Requested: 09/10/2009
Time Report Requested: 11:35:30
First Dose M/F: NA / 07/25/05
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 FEMALE		0	0	0	0	0	
ANIMAL ID		0	0	0	0	0	
2-8ADHAQP1COHTC		1	1	1	1	1	
		3	3	3	3	4	
		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		+	+	M	+	+	4
Pituitary Gland		+	+	+	+	+	5
Thyroid Gland		+	+	+	+	+	5

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 8

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 FEMALE 2-8ADHAQP1COHTC ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	3	3	3	3	4
	6	7	8	9	0
					* TOTALS

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	5
Ovary	+	+	+	+	+	5
Uterus	+	+	+	+	+	5

HEMATOPOIETIC SYSTEM

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

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 9

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 FEMALE 2-8ADHAQP1COHTC ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	3	3	3	3	4	
	6	7	8	9	0	
						* TOTALS
Mammary Gland						5
Skin						5
Hemorrhage, Acute						1 2.0
MUSCULOSKELETAL SYSTEM						
Bone						5
Joint, Hemorrhage, Acute						1 2.0
NERVOUS SYSTEM						
Brain						5
RESPIRATORY SYSTEM						
Lung						5
Nose						5
Trachea						5
SPECIAL SENSES SYSTEM						

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
Page 10

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 20537 - 02
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Adenoviral Vector (AdhAQP1)
CAS Number: ADN VIRVECAQP

Date Report Requested: 09/10/2009
Time Report Requested: 11:35:30
First Dose M/F: NA / 07/25/05
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 FEMALE		0	0	0	0	0
ANIMAL ID		0	0	0	0	0
2-8ADHAQP1COHTC		1	1	1	1	1
		3	3	3	3	4
		6	7	8	9	0
		* TOTALS				
Eye		+	+	+	+	5
Harderian Gland		+	+	+	+	5
URINARY SYSTEM						
Kidney		+	+	+	+	5
Urinary Bladder		+	+	+	+	5

TDMS No. 20537 - 02
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Adenoviral Vector (AdhAQP1)
CAS Number: ADNIRVECAQP

Date Report Requested: 09/10/2009
Time Report Requested: 11:35:30
First Dose M/F: NA / 07/25/05
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 FEMALE ANIMAL ID 8-9ADHAQP1COHTC	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	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	
Right, Submandibular Gland, Inflammation		1	1		1		3 1.0
Right, Submandibular Gland, Regeneration	2	3	2	2	2		5 2.2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 12

TDMS No. 20537 - 02
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Adenoviral Vector (AdhAQP1)
CAS Number: ADNIRVECAQP

Date Report Requested: 09/10/2009
Time Report Requested: 11:35:30
First Dose M/F: NA / 07/25/05
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 FEMALE		0	0	0	0	0	
ANIMAL ID		0	0	0	0	0	
8-9ADHAQP1COHTC		1	1	1	1	1	
		6	6	6	6	6	
		1	2	3	4	5	
							* TOTALS
Stomach, Forestomach		+	+	+	+	+	5
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		+	+	+	+	I	4
Thyroid Gland		+	+	+	+	+	5

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 13

TDMS No. 20537 - 02
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Adenoviral Vector (AdhAQP1)
CAS Number: ADNVRVECAQP

Date Report Requested: 09/10/2009
Time Report Requested: 11:35:30
First Dose M/F: NA / 07/25/05
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 FEMALE ANIMAL ID 8-9ADHAQP1COHTC	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	6	6	6	6	6
	1	2	3	4	5
					* TOTALS

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

Clitoral Gland	I	+	+	+	+	4
Ovary	+	+	+	+	+	5
Uterus	+	+	+	+	+	5

HEMATOPOIETIC SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 14

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 FEMALE ANIMAL ID 8-9ADHAQP1COHTC	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	6	6	6	6	6
	1	2	3	4	5
					* TOTALS

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	5
Skin	+	+	+	+	+	5

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5

SPECIAL SENSES SYSTEM

TDMS No. 20537 - 02
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Adenoviral Vector (AdhAQP1)
CAS Number: ADNVIRVECAQP

Date Report Requested: 09/10/2009
Time Report Requested: 11:35:30
First Dose M/F: NA / 07/25/05
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 FEMALE ANIMAL ID 8-9ADHAQP1COHTC		0	0	0	0	0		
		0	0	0	0	0		
		1	1	1	1	1		
		6	6	6	6	6		
		1	2	3	4	5	* TOTALS	
Eye		+	+	+	+	+	5	
Harderian Gland		+	+	+	+	+	5	
Infiltration Cellular, Lymphocyte				3			1	3.0
URINARY SYSTEM								
Kidney		+	+	+	+	+	5	
Urinary Bladder		+	+	+	+	+	5	

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 16

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20537 - 02
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Adenoviral Vector (AdhAQP1)
CAS Number: ADNIRVECAQP

Date Report Requested: 09/10/2009
Time Report Requested: 11:35:30
First Dose M/F: NA / 07/25/05
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 FEMALE ANIMAL ID 2-11ADHAQP1COHTC	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	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	
Parotid Gland, Right, Inflammation					1		1 1.0
Right, Submandibular Gland, Inflammation				2	2		2 2.0
Right, Submandibular Gland, Regeneration	1	2	2	3	3		5 2.2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 17

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20537 - 02
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Adenoviral Vector (AdhAQP1)
CAS Number: ADNIRVECAQP

Date Report Requested: 09/10/2009
Time Report Requested: 11:35:30
First Dose M/F: NA / 07/25/05
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 FEMALE ANIMAL ID 2-11ADHAQP1COHTC	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	8	8	8	8	9
	6	7	8	9	0
					* TOTALS

Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5
Tongue	+	+	+	+	+	5

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	5
Heart	+	+	+	+	+	5
Cardiomyopathy	1					1 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Islets, Pancreatic	+	+	+	+	+	5
Parathyroid Gland	+	+	+	+	+	5
Pituitary Gland	+	+	+	+	+	5

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 18

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 FEMALE ANIMAL ID 2-11ADHAQP1COHTC	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	8	8	8	8	9
	6	7	8	9	0
					* TOTALS

Thyroid Gland	+	+	+	+	+	5
---------------	---	---	---	---	---	---

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	5
Ovary	+	+	+	+	+	5
Uterus	+	+	+	+	+	5

HEMATOPOIETIC SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue

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

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Page 19

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 FEMALE ANIMAL ID 2-11ADHAQP1COHTC	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	8	8	8	8	9
	6	7	8	9	0
					* TOTALS

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	5
Skin	+	+	+	+	+	5

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5

TDMS No. 20537 - 02
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Adenoviral Vector (AdhAQP1)
CAS Number: ADNIRVECAQP

Date Report Requested: 09/10/2009
Time Report Requested: 11:35:30
First Dose M/F: NA / 07/25/05
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 FEMALE ANIMAL ID 2-11ADHAQP1COHTC	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	8	8	8	8	9
	6	7	8	9	0
	* TOTALS				

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	5	
Retina, Atrophy				3			1 3.0
Harderian Gland	+	+	+	+	+	5	
Infiltration Cellular, Lymphocyte			4				1 4.0
Regeneration			3				1 3.0

URINARY SYSTEM

Kidney	+	+	+	+	+	5	
Urinary Bladder	+	+	+	+	+	5	

*** END OF REPORT ***