

TDMS No. 20537 - 01
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: 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
<hr/>					
FISCHER 344 RATS MALE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
VEHCONTRCOHRTC	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
Inflammation	1		1	1		3 1.0
Oral Mucosa	+	+	+	+	+	5
Pancreas	+	+	+	+	+	5
Salivary Glands	+	+	+	+	+	5
Right, Submandibular Gland, Regeneration	1	1	1	1	1	5 1.0

* .. 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

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	0	0	0	0	0		
	2	2	2	2	2		
	9	4	9	9	9		
FISCHER 344 RATS MALE	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0		
VEHCONTRCOHRTC	0	0	0	0	0		
	1	1	1	1	1		
	1	2	3	4	5		* TOTALS
Stomach, Forestomach	+	+	+	+	+		5
Stomach, Glandular	+	+	+	+	+		5
Tongue	+	+	+	+	+		5
Infiltration Cellular, Histiocyte, Focal					1		1 1.0
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

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Page 3

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	0	0	0	0	0	
	2	2	2	2	2	
	9	4	9	9	9	
FISCHER 344 RATS MALE	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	
VEHCONTRCOHRTC	0	0	0	0	0	
	1	1	1	1	1	
	1	2	3	4	5	* TOTALS
Thyroid Gland	+	+	+	+	+	5

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

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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	
<hr/>						
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
<hr/>						
Spleen	+	+	+	+	+	5
<hr/>						
Thymus	+	+	+	+	+	5
<hr/>						
INTEGUMENTARY SYSTEM						
<hr/>						
Mammary Gland	M	M	+	M	+	2
<hr/>						
Skin	+	+	+	+	+	5
<hr/>						
MUSCULOSKELETAL SYSTEM						
<hr/>						
Bone	+	+	+	+	+	5
<hr/>						
NERVOUS SYSTEM						
<hr/>						
Brain	+	+	+	+	+	5
<hr/>						
RESPIRATORY SYSTEM						
<hr/>						
Lung	+	+	+	+	+	5
<hr/>						
Nose	+	+	+	+	+	5
<hr/>						

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	0	0	0	0	0	
	2	2	2	2	2	
	9	4	9	9	9	
.....						
FISCHER 344 RATS MALE	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	
VEHCONTRCOHRTC	0	0	0	0	0	
	1	1	1	1	1	
	1	2	3	4	5	* TOTALS

Trachea	+	+	+	+	+	5

SPECIAL SENSES SYSTEM						
.....						
Eye	+	+	+	+	+	5
.....						
Harderian Gland	+	+	+	+	+	5

URINARY SYSTEM						
.....						
Kidney	+	+	+	+	+	5
.....						
Urinary Bladder	+	+	+	+	+	5

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	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				

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	+	+	+	+	+	5
Left, Submandibular Gland, Regeneration					1	1 1.0
Right, Submandibular Gland, Regeneration	2	2	3	2		4 2.3

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	0	0	0	0	0
	2	2	2	2	2
	9	9	9	9	9
<hr/>					
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, 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	+	+	+	I	+	4
Islets, Pancreatic	+	+	+	+	+	5
Parathyroid Gland	+	+	+	+	+	5
Pituitary Gland	I	+	+	+	+	4

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

Thyroid Gland	+	+	+	+	+		5
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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

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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
<hr/>					
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				

Spleen	+	+	+	+	+	5
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

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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	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

Trachea	+	+	+	+	+		5
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SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+		5
Harderian Gland	+	+	+	+	+		5

URINARY SYSTEM

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

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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
<hr/>					
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				

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	+	+	+	+	+	5	
Left, Submandibular Gland, Regeneration				1	1		2 1.0
Right, Submandibular Gland, Regeneration	3	1	2	2	2		5 2.0

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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
<hr/>					
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, Forestomach	+	+	+	+	+	5	
Stomach, Glandular Mineralization	+	+	+	+	+	5	1 1.0
Tongue	+	+	+	+	+	5	

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	5	
Heart Cardiomyopathy	+	+	+	+	+	5	2 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	5	
Adrenal Medulla	+	+	+	+	+	5	
Islets, Pancreatic	+	+	+	+	+	5	
Parathyroid Gland	+	+	+	M	+	4	

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

Pituitary Gland	+	+	+	+	+	5
.....						
Thyroid Gland	+	+	+	+	+	5

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
.....						

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

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	0	0	0	0	0	
	2	2	2	2	2	
	9	9	9	9	9	
FISCHER 344 RATS MALE						
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
Lymph Node, Mesenteric	+	+	+	+	+	5
Spleen	+	+	+	+	+	5
Thymus	+	+	+	+	+	5
INTEGUMENTARY SYSTEM						
Mammary Gland	+	M	M	+	M	2
Skin	+	+	+	+	+	5
MUSCULOSKELETAL SYSTEM						
Bone	+	+	+	+	+	5
NERVOUS SYSTEM						
Brain	+	+	+	+	+	5
RESPIRATORY SYSTEM						
Lung	+	+	+	+	+	5

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x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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Page 15

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	
<hr/>						
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
<hr/>						
Nose	+	+	+	+	+	5
<hr/>						
Trachea	+	+	+	+	+	5
<hr/>						
SPECIAL SENSES SYSTEM						
<hr/>						
Eye	+	+	+	+	+	5
<hr/>						
Harderian Gland	+	+	+	+	+	5
<hr/>						
URINARY SYSTEM						
<hr/>						
Kidney	+	+	+	+	+	5
<hr/>						
Urinary Bladder	+	+	+	+	+	5
<hr/>						

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TDMS No. 20537 - 01
 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: 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
<hr/>					
FISCHER 344 RATS MALE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
2-11ADHAQP1COHTC	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
Right, Submandibular Gland, Inflammation	1	1	1	2	1	5 1.2
Right, Submandibular Gland, Regeneration	2	1	2	2	2	5 1.8

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	0	0	0	0	0	
	2	2	2	2	2	
	9	9	9	9	9	
FISCHER 344 RATS MALE	0	0	0	0	0	
2-11ADHAQP1COHTC	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	
	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	3 1.0
ENDOCRINE SYSTEM						
Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Islets, Pancreatic	+	+	+	+	+	5
Parathyroid Gland	+	+	+	+	+	5
Pituitary Gland	I	+	+	+	+	4

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	8	8	8	8	9	
	6	7	8	9	0	
						* TOTALS

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

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

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ANIMAL ID	0	0	0	0	0	
	8	8	8	8	9	
	6	7	8	9	0	
						* TOTALS
Spleen	+	+	+	+	+	5
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

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SPECIAL SENSES SYSTEM						
Eye	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5
URINARY SYSTEM						
Kidney	+	+	+	+	+	5
Urinary Bladder	+	+	+	+	+	5

*** END OF MALE DATA ***

*** END OF REPORT ***

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