

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

Final 2 - Data Changes through 12-15-17 CDMA SSAC Rats Only

NTP Study Number: C20105B
Lock Date: 12/29/2015
Cage Range: ALL
Date Range: ALL
Reasons For Removal: 25017 SSAC
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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Lab: IIT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARLAN SPRAGUE DAWLEY RATS MALE	0.0W/kg(CDMA)chr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
		4	6	4	4	6	4	4	4	4	6	4	4	4	6	6	6
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID		5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6
		0	0	0	2	2	3	3	3	5	6	7	8	9	0	0	0
		5	7	8	5	6	8	1	2	7	6	8	9	2	0	3	3
		* TOTALS															

ALIMENTARY SYSTEM

Esophagus	+	+	+		+	+	+	+		+	+	+					10
Intestine Large, Cecum	+		+	+		+	+	+	+		+	+	+				10
Intestine Large, Colon	+		+	+		+	+	+	+		+	+	+				10
Intestine Large, Rectum	+		+	+		+	+	+	+		+	+	+				10
Lymphoid Tissue, Hyperplasia									1								1 1.0
Intestine Small, Duodenum	+		+	+		+	+	+	+		+	+	+				10
Intestine Small, Ileum	+		+	+		+	+	+	+		+	+	+				10
Intestine Small, Jejunum	+		+	+		+	+	+	+		+	+	+				10
Liver	+		+	+		+	+	+	+		+	+	+				10
Infiltration Cellular, Mixed Cell													1				1 1.0
Pancreas	+		+	+		+	+	+	+		+	+	+				10
Salivary Glands	+		+	+		+	+	+	+		+	+	+				10
Stomach, Forestomach	+		+	+		+	+	+	+		+	+	+				10
Stomach, Glandular	+		+	+		+	+	+	+		+	+	+				10

CARDIOVASCULAR 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

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Lab: IIT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
HARLAN SPRAGUE DAWLEY RATS MALE	4	6	4	4	6	4	4	4	4	6	4	4	4	4	6	6	6	6
0.0W/kg(CDMA)chr																		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6
	5	7	8	5	6	8	1	2	3	3	7	6	8	9	2	0	3	3
	* TOTALS																	
Prostate	+	+	+			+	+	+	+			+	+	+				10
Seminal Vesicle	+		+	+		+	+	+	+			+	+	+				10
Testis	+		+	+		+	+	+	+			+	+	+				10
HEMATOPOIETIC SYSTEM																		
Bone Marrow	+		+	+		+	+	+	+			+	+	+				10
Lymph Node, Mandibular Hemorrhage	+		+	+		+	+	+	+			+	+	+		1		10 2 1.0
Lymph Node, Mesenteric	+		+	+		+	+	+	+			+	+	+				10
Spleen	+		+	+		+	+	+	+			+	+	+				10
Thymus Hemorrhage	+		+	+		+	+	+	+			+	+	+		1	1	10 5 1.0
INTEGUMENTARY SYSTEM																		
Mammary Gland	+		+	+		+	+	+	+			+	+	+				10
Skin	+		+	+		+	+	+	+			+	+	+				10
MUSCULOSKELETAL SYSTEM																		
Bone	+		+	+		+	+	+	+			+	+	+				10

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Lab: IIT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
HARLAN SPRAGUE DAWLEY RATS MALE	4	6	4	4	6	4	4	4	4	6	4	4	4	4	6	6	6	6
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6
0.0W/kg(CDMA)chr	5	7	8	5	6	8	1	2	3	3	7	6	8	9	2	0	3	3
	* TOTALS																	
Skeletal Muscle	+	+	+			+	+	+	+			+	+	+				10
NERVOUS SYSTEM																		
Brain	+		+	+				+	+	+	+			+	+	+		10
Nerve Trigeminal	+		+	+				+	+	+	+			+	+	+		10
Peripheral Nerve, Sciatic	+		+	+				+	+	+	+			+	+	+		10
Peripheral Nerve, Tibial	+		+	+				+	+	+	+			+	+	+		10
Spinal Cord, Cervical	+		+	+				+	+	+	+			+	+	+		10
Spinal Cord, Lumbar	+		+	+				+	+	+	+			+	+	+		10
Spinal Cord, Thoracic	+		+	+				+	+	+	+			+	+	+		10
Trigeminal Ganglion	+		+	+				+	+	+	+			+	+	+		10
RESPIRATORY SYSTEM																		
Lung	+		+	+				+	+	+	+			+	+	+		10
Inflammation, Chronic Active														1				1 1.0
Nose	+		+	+				+	+	+	+			+	+	+		10
Trachea	+		+	+				+	+	+	+			+	+	+		10
SPECIAL SENSES SYSTEM																		

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First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

HARLAN SPRAGUE DAWLEY RATS MALE 1.5W/kg(CDMA)chr	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
		6	6	6	4	6	4	4	4	4	4	4	4	4	4	6	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	
		4	4	4	4	5	6	7	7	8	9	0	0	1	1	2	
		1	2	7	9	0	3	0	1	9	5	7	4	6	8	0	
																	* TOTALS

ALIMENTARY SYSTEM

Esophagus																	10	
Intestine Large, Cecum																	10	
Intestine Large, Colon																	10	
Intestine Large, Rectum Lymphoid Tissue, Hyperplasia																	10	1 1.0
Intestine Small, Duodenum																	10	
Intestine Small, Ileum																	10	
Intestine Small, Jejunum																	10	
Liver Infiltration Cellular, Mixed Cell																	10	1 1.0
Pancreas																	10	
Salivary Glands																	10	
Stomach, Forestomach																	10	
Stomach, Glandular																	10	

CARDIOVASCULAR SYSTEM

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Lab: IIT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ANIMAL ID	
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
HARLAN SPRAGUE DAWLEY RATS MALE	6	6	6	4	6	4	4	4	4	4	4	4	4	4	4	6		
1.5W/kg(CDMA)chr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4		
	4	4	4	4	5	6	7	7	8	9	0	0	1	1	2	2		
	1	2	7	9	0	3	0	1	9	5	7	4	6	8	0	0		
																	* TOTALS	

Skeletal Muscle																		10
-----------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-----------

NERVOUS SYSTEM

Brain																		10
Nerve Trigeminal																		10
Peripheral Nerve, Sciatic																		10
Peripheral Nerve, Tibial																		10
Spinal Cord, Cervical																		10
Spinal Cord, Lumbar																		10
Spinal Cord, Thoracic																		10
Trigeminal Ganglion																		9

RESPIRATORY SYSTEM

Lung																		10
Congestion																		1 1.0
Nose																		10
Trachea																		10

SPECIAL SENSES SYSTEM

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
HARLAN SPRAGUE DAWLEY RATS MALE	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1.5W/kg(CDMA)chr																	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4
	4	4	4	4	5	6	7	7	7	8	9	0	0	1	2		
	1	2	7	9	0	3	0	1	9	5	7	4	6	8	0		
	* TOTALS																

Eye																		10	
Retina, Developmental Malformation				+	+	+	+	+	+	+	+	+	+	+					1
Harderian Gland				+	+	+	+	+	+	+	+	+	+	+				10	
Infiltration Cellular, Lymphocyte									1										1 1.0
Inflammation, Chronic Active						2													1 2.0

URINARY SYSTEM

Kidney				+	+	+	+	+	+	+	+	+	+	+				10	
Nephropathy, Chronic Progressive				1					1	1	1	1	1	1					7 1.0
Urinary Bladder				+	+	+	+	+	+	+	+	+	+	+				10	

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARLAN SPRAGUE DAWLEY RATS MALE	3.0W/kg(CDMA)chr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
		4	6	4	6	4	4	4	4	4	4	6	6	4	4	6	6
		* TOTALS															
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6
		5	6	8	9	9	9	0	0	1	2	2	2	3	3	4	4
		8	8	1	5	6	8	1	3	3	1	2	6	7	2	4	7

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	9
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	9
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	9
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	9
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		10
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		10
Hepatodiaphragmatic Nodule															X		
Infiltration Cellular, Mixed Cell					1												1 1.0
Hepatocyte, Necrosis	1																1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	9
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		10

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HARLAN SPRAGUE DAWLEY RATS MALE 3.0W/kg(CDMA)chr	DAY ON TEST															ANIMAL ID	
	0 9 4	0 9 6	0 9 4	0 9 6	0 9 4	0 9 4	0 9 4	0 9 4	0 9 4	0 9 4	0 9 4	0 9 6	0 9 6	0 9 4	0 9 4		
	0 1 5 8	0 1 5 8	0 1 5 8	0 1 5 8	0 1 5 8	0 1 5 8	0 1 5 8	0 1 5 8	0 1 5 8	0 1 5 8	0 1 5 8	0 1 5 8	0 1 5 8	0 1 5 8	0 1 5 8	0 1 5 8	
* TOTALS																	

Aorta	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy				1					1			1					3 1.0
Artery, Inflammation, Chronic Active	1																1 1.0
Ventricle Right, Cardiomyopathy	1					1	1	1									4 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M		9
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Rathke's Cleft, Cyst																X	1
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M		9

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Granuloma Sperm	3																1 3.0

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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
HARLAN SPRAGUE DAWLEY RATS MALE	4	6	4	6	4	4	4	4	4	4	6	6	4	4	6	6	4	6	6	
3.0W/kg(CDMA)chr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
ANIMAL ID	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	
	8	8	1	5	9	9	0	0	1	2	2	3	3	4	4	7	7	7	7	
																			* TOTALS	
Preputial Gland	+																		10	
Inflammation, Chronic Active	2		1 1		2		1		2										6 1.5	
Prostate	+																		10	
Seminal Vesicle	+																		10	
Testis	+																		10	
HEMATOPOIETIC SYSTEM																				
Bone Marrow	+																		9	
Lymph Node																			1	
Inguinal, Pigment																			2	1 2.0
Lymph Node, Mandibular	+																		9	
Lymph Node, Mesenteric	+																		9	
Spleen	+																		9	
Thymus	+																		10	
Hemorrhage	1		1		1		1		1										4 1.0	
INTEGUMENTARY SYSTEM																				
Mammary Gland	+																		10	
Skin	+																		10	

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 M .. Missing tissue
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 BLANK .. Not examined microscopically

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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

HARLAN SPRAGUE DAWLEY RATS MALE 3.0W/kg(CDMA)chr	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
		4	6	4	6	4	4	4	4	4	6	6	4	4	6		
		1	1	1	1	1	1	1	1	1	1	1	1	1	1		
		5	5	5	5	5	6	6	6	6	6	6	6	6	6		
		5	6	8	9	9	0	1	2	2	3	3	3	4	4		
		8	8	1	5	6	8	1	3	3	1	2	6	7	7		
* TOTALS																	

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	9
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	9

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Nerve Trigeminal	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	M	9	
Peripheral Nerve, Tibial	+	+	+	+	+	+	+	+	+	+	+	+	+	M	9	
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Trigeminal Ganglion	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	

RESPIRATORY SYSTEM

Lung Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	1 2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	

* .. 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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARLAN SPRAGUE DAWLEY RATS MALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6.0W/kg(CDMA)chr	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
		6	4	4	4	6	6	6	4	4	4	4	4	6	4	4	4	4
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		9	9	0	1	1	1	1	1	2	2	3	4	4	4	5	5	5
		2	6	5	0	1	8	9	3	4	8	1	2	6	0	9	9	9
* TOTALS																		

ALIMENTARY SYSTEM

Esophagus	+	+	+																10		
Intestine Large, Cecum	+	+	+																10		
Intestine Large, Colon	+	+	+																10		
Intestine Large, Rectum Lymphoid Tissue, Hyperplasia	+	+	+																10	1	2.0
Intestine Small, Duodenum	+	+	+																10		
Intestine Small, Ileum	+	+	+																10		
Intestine Small, Jejunum	+	+	+																10		
Liver Infiltration Cellular, Mixed Cell	+	+	+																10	3	1.0
Pancreas	+	+	+																10		
Salivary Glands	+	+	+																10		
Stomach, Forestomach	+	+	+																10		
Stomach, Glandular	+	+	+																10		

CARDIOVASCULAR 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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

HARLAN SPRAGUE DAWLEY RATS MALE 6.0W/kg(CDMA)chr	DAY ON TEST															ANIMAL ID	
	0096	0096	0096	0096	0096	0096	0096	0096	0096	0096	0096	0096	0096	0096	0096		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	9	9	0	1	1	1	1	1	2	2	3	4	4	4	5	5	5
	2	6	5	0	1	8	9	3	4	8	1	2	6	0	9		
	* TOTALS																

Aorta			+	+	+				+	+	+	+	+			+	+	10
Heart			+	+	+				+	+	+	+	+			+	+	10
Cardiomyopathy			1		1				1	1		1	1					6 1.0
Ventricle Right, Cardiomyopathy			1						1		1	1						4 1.0

ENDOCRINE SYSTEM

Adrenal Cortex			+	+	+				+	+	+	+	+			+	+	10
Adrenal Medulla			+	+	+				+	+	+	+	+			+	+	10
Islets, Pancreatic			+	+	+				+	+	+	+	+			+	+	10
Parathyroid Gland			+	+	+				+	+	+	+	+			+	+	10
Pituitary Gland			+	+	+				+	+	+	+	+			+	+	10
Pars Intermedia, Cyst			X									X						2
Thyroid Gland			+	+	+				+	+	+	+	+			+	+	10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis			+	+	+				+	+	+	+	+			+	+	10
Hypospermia			X															1
Preputial Gland			+	+	+				+	+	+	+	+			+	+	10

* .. 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
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Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
HARLAN SPRAGUE DAWLEY RATS MALE	6	4	4	4	6	6	6	4	4	4	4	4	6	4	4			
6.0W/kg(CDMA)chr	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		9	9	0	1	1	1	1	2	2	3	4	4	4	5	5	5	5
		2	6	5	0	1	8	9	3	4	8	1	2	6	0	9		
* TOTALS																		
Inflammation, Chronic Active									2						1	1		3 1.3
Prostate		+	+	+					+	+	+	+	+		+	+		10
Inflammation, Chronic Active											1							1 1.0
Seminal Vesicle		+	+	+					+	+	+	+	+		+	+		10
Testis		+	+	+					+	+	+	+	+		+	+		10
Germ Cell, Degeneration		4																1 4.0
HEMATOPOIETIC SYSTEM																		
Bone Marrow		+	+	+					+	+	+	+	+		+	+		10
Lymph Node, Mandibular Hemorrhage		+	+	+					+	+	+	+	+		+	+		10
													1					1 1.0
Lymph Node, Mesenteric Hemorrhage		+	+	+					+	+	+	+	+		+	+		10
				1														1 1.0
Spleen		+	+	+					+	+	+	+	+		+	+		10
Thymus Hemorrhage		+	+	+					+	+	+	+	+		+	+		10
									1							1		2 1.0
INTEGUMENTARY SYSTEM																		
Mammary Gland		+	+	+					+	+	+	+	M		+	+		9
Skin		+	+	+					+	+	+	+	+		+	+		10

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 + .. 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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

HARLAN SPRAGUE DAWLEY RATS MALE 6.0W/kg(CDMA)chr	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
		6	4	4	4	6	6	6	4	4	4	4	6	4	4		
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		9	9	0	1	1	1	1	1	2	2	3	4	4	5	5	9
		2	6	5	0	1	8	9	3	4	8	1	2	6	0		
* TOTALS																	

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	10
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	10

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
Nerve Trigeminal	+	+	+	+	+	+	+	+	+	+	10
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	10
Peripheral Nerve, Tibial	+	+	+	+	+	+	+	+	+	+	10
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	10
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	10
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	10
Trigeminal Ganglion	+	+	+	+	+	+	+	+	+	+	10

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
Congestion			1								1 1.0
Inflammation, Chronic Active							1				1 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

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Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

HARLAN SPRAGUE DAWLEY RATS MALE 6.0W/kg(CDMA)chr	DAY ON TEST															* TOTALS
	0 9 6	0 9 4	0 9 4	0 9 4	0 9 6	0 9 6	0 9 6	0 9 4	0 9 4	0 9 4	0 9 4	0 9 4	0 9 6	0 9 4	0 9 4	
ANIMAL ID	0 1 7 9 2	0 1 7 9 6	0 1 8 0 5	0 1 8 1 0	0 1 8 1 1	0 1 8 1 8	0 1 8 1 9	0 1 8 2 3	0 1 8 2 4	0 1 8 3 8	0 1 8 4 1	0 1 8 4 2	0 1 8 4 6	0 1 8 5 0	0 1 8 5 9	
	Nose		+	+	+				+	+	+	+	+		+	+
Trachea		+	+	+				+	+	+	+	+		+	+	10
SPECIAL SENSES SYSTEM																
Eye		+	+	+				+	+	+	+	+		+	+	10
Harderian Gland Inflammation, Chronic Active		+	+	+				+	+	+	+	+		+	+	10
												1				1 1.0
URINARY SYSTEM																
Kidney Nephropathy, Chronic Progressive Pelvis, Dilation		+	+	+				+	+	+	+	+		+	+	10
		1		1				1	1	1	1	1		1	1	9 1.0
				2												1 2.0
Urinary Bladder		+	+	+				+	+	+	+	+		+	+	10

*** END OF MALE DATA ***

* .. 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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARLAN SPRAGUE DAWLEY RATS FEMALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	0.0W/kg(CDMA)chr	3	3	6	3	6	6	3	6	3	3	3	3	3	3	6	
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7
		0	1	1	2	3	4	5	6	6	7	7	8	8	0	0	0
		6	2	7	0	8	0	0	2	7	3	6	2	5	0	2	
* TOTALS																	

ALIMENTARY SYSTEM

Esophagus	+	+		+			+		+	+	+	+	+	+			10
Intestine Large, Cecum	+	+		+			+		+	+	+	+	+	+			10
Intestine Large, Colon	+	+		+			+		+	+	+	+	+	+			10
Intestine Large, Rectum Lymphoid Tissue, Hyperplasia	+	+		+			+		+	+	+	+	+	+	2		10 1 2.0
Intestine Small, Duodenum	+	+		+			+		+	+	+	+	+	+			10
Intestine Small, Ileum	+	+		+			+		+	+	+	+	+	+			10
Intestine Small, Jejunum	+	+		+			+		+	+	+	+	+	+			10
Liver Infiltration Cellular, Mixed Cell	+	+		+			+		+	+	+	+	+	+	1		10 1 1.0
Pancreas	+	+		+			+		+	+	+	+	+	+			10
Salivary Glands	+	+		+			+		+	+	+	+	+	+			10
Stomach, Forestomach	+	+		+			+		+	+	+	+	+	+			10
Stomach, Glandular	+	+		+			+		+	+	+	+	+	+			10

CARDIOVASCULAR 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

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
HARLAN SPRAGUE DAWLEY RATS FEMALE	3	3	6	3	6	6	3	6	3	3	3	3	3	3	3	6	
0.0W/kg(CDMA)chr																	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	
	0	1	1	2	3	4	5	6	6	7	7	8	8	8	0	0	
	6	2	7	0	8	0	0	2	7	3	6	2	5	0	2		

* TOTALS

Aorta	+	+		+			+		+	+	+	+	+	+	+		10
Heart	+	+		+			+		+	+	+	+	+	+	+		10

ENDOCRINE SYSTEM

Adrenal Cortex	+	+		+			+		+	+	+	+	+	+			10
Adrenal Medulla	+	+		+			+		+	+	+	+	+	+			10
Islets, Pancreatic	+	+		+			+		+	+	+	+	+	+			10
Parathyroid Gland	+	+		+			+		+	+	+	+	+	+			10
Pituitary Gland	+	+		+			+		+	+	+	+	+	+			10
Pars Distalis, Cyst			X				X										2
Pars Intermedia, Cyst													X				1
Thyroid Gland	+	+		+			+		+	+	+	+	+	+			10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+		+			+		+	+	+	+	+	+			10
Inflammation, Chronic Active										1	1	1		1			4 1.0
Ovary	+	+		+			+		+	+	+	+	+	+			10

* .. 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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
HARLAN SPRAGUE DAWLEY RATS FEMALE 0.0W/kg(CDMA)chr	ANIMAL ID																	* TOTALS
	3	3	6	3	6	6	3	6	3	3	3	3	3	3	3	6	6	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7
	0	1	1	2	3	4	5	6	6	7	3	6	2	8	8	5	0	0
	6	2	7	0	8	0	0	2	7	3	6	2	5	0	2	0	0	2
Brain	+	+		+			+		+	+	+	+	+	+	+			10
Nerve Trigeminal	+	+		+			+		+	+	+	+	+	+	+			10
Peripheral Nerve, Sciatic	+	+		+			+		+	+	+	+	+	+	+			10
Peripheral Nerve, Tibial	+	+		+			+		+	+	+	+	+	+	+			10
Spinal Cord, Cervical	+	+		+			+		+	+	+	+	+	+	+			10
Spinal Cord, Lumbar	+	+		+			+		+	+	+	+	+	+	+			10
Spinal Cord, Thoracic	+	+		+			+		+	+	+	+	+	+	+			10
Trigeminal Ganglion	+	+		+			+		I	+	+	+	+	+	+			9
RESPIRATORY SYSTEM																		
Lung	+	+		+			+		+	+	+	+	+	+	+			10
Alveolus, Infiltration Cellular, Histiocyte	1						1											2 1.0
Nose	+	+		+			+		+	+	+	+	+	+	+			10
Trachea	+	+		+			+		+	+	+	+	+	+	+			10
SPECIAL SENSES SYSTEM																		
Eye	+	+		+			+		+	+	+	+	+	+	+			10
Harderian Gland	+	+		+			+		+	+	+	+	+	+	+			10

* .. 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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

HARLAN SPRAGUE DAWLEY RATS FEMALE 0.0W/kg(CDMA)chr	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
		3	3	6	3	6	6	3	6	3	3	3	3	3	3	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7		
	0	1	1	2	3	4	5	6	6	7	7	8	8	0	0	0		
		6	2	7	0	8	0	2	7	3	6	2	5	0	2	2		
		* TOTALS																
	Infiltration Cellular, Lymphocyte	1															1 1.0	

URINARY SYSTEM

Kidney	+	+		+			+		+	+	+	+	+	+	+		10
Nephropathy, Chronic Progressive							1		1	1							3 1.0
Urinary Bladder	+	+		+			+		+	+	+	+	+	+	+		10

* .. 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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ANIMAL ID	
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
HARLAN SPRAGUE DAWLEY RATS FEMALE	6	6	3	3	3	3	6	3	3	6	3	3	3	3	3	6		
1.5W/kg(CDMA)chr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5		
	6	7	8	8	9	0	0	0	0	0	0	0	1	3	3	3		
	4	2	4	8	8	0	2	3	6	7	8	9	8	8	9	9		
																	* TOTALS	

Heart			+	+	+	+			+	+			+	+	+	+		10
-------	--	--	---	---	---	---	--	--	---	---	--	--	---	---	---	---	--	-----------

ENDOCRINE SYSTEM

Adrenal Cortex			+	+	+	+			+	+			+	+	+	+		10
Adrenal Medulla			+	+	+	+			+	+			+	+	+	+		10
Islets, Pancreatic			+	+	+	+			+	+			+	+	+	+		10
Parathyroid Gland			+	+	+	+			+	+			+	+	+	+		10
Pituitary Gland			+	+	+	+			+	+			+	+	+	+		10
Rathke's Cleft, Cyst					X													1
Thyroid Gland			+	+	+	+			+	+			+	+	+	+		10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland			+	+	+	+			+	+			+	+	+	+		10
Inflammation, Chronic Active						1			2				1			1		4 1.3
Ovary			+	+	+	+			+	+			+	+	+	+		10
Uterus			+	+	+	+			+	+			+	+	+	+		10

* .. 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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARLAN SPRAGUE DAWLEY RATS FEMALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
		6	6	3	3	3	3	6	3	3	6	3	3	3	3	3	6	
	1.5W/kg(CDMA)chr																	
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5
		6	7	8	8	8	9	0	0	0	0	0	0	1	3	3	3	3
		4	2	4	8	8	0	0	2	3	6	7	8	9	8	3	9	
* TOTALS																		

HEMATOPOIETIC SYSTEM

Bone Marrow																		
		+	+	+	+			+	+			+	+	+	+			10
Lymph Node, Mandibular																		
		+	+	+	+			+	+			+	+	+	+			10
Lymph Node, Mesenteric																		
		+	+	+	+			+	+			+	+	+	+			10
Spleen																		
		+	+	+	+			+	+			+	+	+	+			10
Thymus																		
Hemorrhage								1				1						2 1.0

INTEGUMENTARY SYSTEM

Mammary Gland																		
		+	+	+	+			+	+			+	+	+	+			10
Skin																		
		+	+	+	+			+	+			+	+	+	+			10

MUSCULOSKELETAL SYSTEM

Bone																		
		+	+	+	+			+	+			+	+	+	+			10
Skeletal Muscle																		
		+	+	+	+			+	+			+	+	+	+			10

NERVOUS SYSTEM

Brain																		
		+	+	+	+			+	+			+	+	+	+			10
Nerve Trigeminal																		
		+	+	+	+			+	+			+	+	+	+			10

* .. 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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

HARLAN SPRAGUE DAWLEY RATS FEMALE 1.5W/kg(CDMA)chr	DAY ON TEST															* TOTALS
	0096	0096	0093	0093	0093	0093	0096	0093	0093	0096	0093	0093	0093	0093	0096	
ANIMAL ID	01464	01442	01484	01488	01488	01490	01490	01495	01495	01495	01495	01495	01495	01495	01495	
Peripheral Nerve, Sciatic			+	+	+	+		+	+		+	+	+	+		
Peripheral Nerve, Tibial			+	+	+	+		+	+		+	+	+	+		
Spinal Cord, Cervical			+	+	+	+		+	+		+	+	+	+		
Spinal Cord, Lumbar			+	+	+	+		+	+		+	+	+	+		
Spinal Cord, Thoracic			+	+	+	+		+	+		+	+	+	+		
Trigeminal Ganglion			I	+	+	+		+	+		+	+	+	+		
RESPIRATORY SYSTEM																
Lung			+	+	+	+		+	+		+	+	+	+		
Nose			+	+	+	+		+	+		+	+	+	+		
Trachea			+	+	+	+		+	+		+	+	+	+		
SPECIAL SENSES SYSTEM																
Eye			+	+	+	+		+	+		+	+	+	+		
Harderian Gland			+	+	+	+		+	+		+	+	+	+		
URINARY SYSTEM																
Kidney			+	+	+	+		+	+		+	+	+	+		
Nephropathy, Chronic Progressive					1				1					1		

* .. 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

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Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

HARLAN SPRAGUE DAWLEY RATS FEMALE 1.5W/kg(CDMA)chr	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
		6	6	3	3	3	3	6	3	3	6	3	3	3	3	6
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		4	4	4	4	4	5	5	5	5	5	5	5	5	5	
		6	7	8	8	9	0	0	0	0	0	0	1	3	3	
		4	2	4	8	8	0	2	3	6	7	8	9	8	9	
* TOTALS																

Urinary Bladder

+ + + + + + + + + +

10

* .. 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

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Experiment Number: 20105 - 56

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Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
HARLAN SPRAGUE DAWLEY RATS FEMALE	3	6	3	3	6	3	6	3	3	6	3	3	3	3	3	3	3	6	6
3.0W/kg(CDMA)chr																			
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	6	6	8	8	8	9	0	1	2	2	3	3	4	5	5	5	5	5
	4	6	9	0	8	4	5	3	6	8	1	3	3	8	0	3	3	3	3

* TOTALS

Heart	+					+														10		
Cardiomyopathy			1									1									2	1.0
Ventricle Right, Cardiomyopathy				1																	1	1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+		+	+		+		+	+			+	+	+	+					10		
Adrenal Medulla	+		+	+		+		+	+			+	+	+	+					10		
Islets, Pancreatic	+		+	+		+		+	+			+	+	+	+					10		
Parathyroid Gland	+		+	+		+		+	+			+	+	M	+					9		
Pituitary Gland	+		+	+		+		+	+			+	+	+	+					10		
Pars Intermedia, Cyst	X							X													2	
Thyroid Gland	+		+	+		+		+	+			+	+	+	+					10		
Ectopic Thymus														X							1	

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+		+	+		+		+	+			+	+	+	+					10		
Inflammation, Chronic Active			1					1				1		1							4	1.0
Ovary	+		+	+		+		+	+			+	+	+	+					10		

* .. 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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9			
HARLAN SPRAGUE DAWLEY RATS FEMALE	3	6	3	3	6	3	6	3	3	6	3	3	3	3	3	6				
3.0W/kg(CDMA)chr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7				
	6	6	6	8	8	9	0	1	2	2	3	3	4	5	5	5				
	4	6	9	0	8	4	5	3	6	8	1	3	8	0	3	3				
																	* TOTALS			
Follicle, Cyst	X																1			
Uterus	+ + + + + + + + + + + + + + + +																10			
HEMATOPOIETIC SYSTEM																				
Bone Marrow	+ + + + + + + + + + + + + + + +																10			
Lymph Node Pigment																	1	2.0		
Lymph Node, Mandibular	+ + + + + + + + + + + + + + + +																10			
Lymph Node, Mesenteric	+ + + + + + + + + + + + + + + +																10			
Spleen	+ + + + + + + + + + + + + + + +																10			
Thymus Hemorrhage	+ + + + + + + + + + + + + + + +																10	1.0		
INTEGUMENTARY SYSTEM																				
Mammary Gland	+ + + + + + + + + + + + + + + +																10			
Skin	+ + + + + + + + + + + + + + + +																10			
MUSCULOSKELETAL SYSTEM																				
Bone	+ + + + + + + + + + + + + + + +																10			
Skeletal Muscle	+ + + + + + + + + + + + + + + +																10			

* .. 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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

HARLAN SPRAGUE DAWLEY RATS FEMALE 3.0W/kg(CDMA)chr	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7
		6	6	6	8	8	9	0	1	2	2	3	3	4	5	5	5
		4	6	9	0	8	4	5	3	6	8	1	3	8	0	3	3
* TOTALS																	

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Nerve Trigeminal	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Peripheral Nerve, Tibial	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Trigeminal Ganglion	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

* .. 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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HARLAN SPRAGUE DAWLEY RATS		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
FEMALE		3	6	3	3	6	3	6	3	3	6	3	3	3	3	6		
3.0W/kg(CDMA)chr																		
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	
		6	6	6	8	8	9	0	1	2	2	3	3	4	5	5	5	
		4	6	9	0	8	4	5	3	6	8	1	3	8	0	3		
																	* TOTALS	
Harderian Gland		+		+	+		+		+	+		+	+	+	+		10	
URINARY SYSTEM																		
Kidney		+		+	+		+		+	+		+	+	+	+		10	
Nephropathy, Chronic Progressive		1		1								1	1				4 1.0	
Urinary Bladder		+		+	+		+		+	+		+	+	+	+		10	

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
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 BLANK .. Not examined microscopically

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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 01/02/2018

Time Report Requested: 13:31:50

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARLAN SPRAGUE DAWLEY RATS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	6	6	3	3	3	3	6	3	3	3	3	6	6	3	3			
FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9
6.0W/kg(CDMA)chr	7	7	8	8	8	0	0	0	1	1	3	4	5	5	5	6	6	6
	5	7	2	3	7	0	0	4	9	1	8	6	1	0	7	6	6	
* TOTALS																		

ALIMENTARY SYSTEM

Esophagus			+	+	+	+			+	+	+	+			+	+		10
Intestine Large, Cecum			+	+	+	+			+	+	+	+			+	+		10
Intestine Large, Colon Inflammation, Chronic Active			+	+	+	+			+	+	+	+			+	+		10
									1									1 1.0
Intestine Large, Rectum Lymphoid Tissue, Hyperplasia			+	+	+	+			+	+	+	+			+	+		10
									4									1 4.0
Intestine Small, Duodenum			+	+	+	+			+	+	+	+			+	+		10
Intestine Small, Ileum			+	+	+	+			+	+	+	+			+	+		10
Intestine Small, Jejunum			+	+	+	+			+	+	+	+			+	+		10
Liver Infiltration Cellular, Mixed Cell Inflammation, Chronic Active			+	+	+	+			+	+	+	+			+	+		10
									1									2 1.0
																		1 2.0
Pancreas Inflammation, Chronic Active			+	+	+	+			+	+	+	+			+	+		10
									1									1 1.0
Salivary Glands Inflammation, Chronic Active			+	+	+	+			+	+	+	+			+	+		10
									1									1 1.0
Stomach, Forestomach			+	+	+	+			+	+	+	+			+	+		10

* .. 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

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

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HARLAN SPRAGUE DAWLEY RATS FEMALE 6.0W/kg(CDMA)chr	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
		6	6	3	3	3	3	6	3	3	3	3	6	6	3	3	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	
		7	7	8	8	8	0	0	0	1	1	3	4	5	5	6	
		5	7	2	3	7	0	0	4	9	1	8	6	1	0	7	
																	* TOTALS

Stomach, Glandular

+ + + + + + + + + + + +

10

CARDIOVASCULAR SYSTEM

Aorta

+ + + + + + + + + + + +

10

Inflammation, Chronic Active

1

1 1.0

Heart

+ + + + + + + + + + + +

10

Cardiomyopathy

1

1

2 1.0

Endocardium, Inflammation, Chronic Active

3

1 3.0

Ventricle Right, Cardiomyopathy

1

1 1.0

ENDOCRINE SYSTEM

Adrenal Cortex

+ + + + + + + + + + + +

10

Adrenal Medulla

+ + + + + + + + + + + +

10

Islets, Pancreatic

+ + + + + + + + + + + +

10

Parathyroid Gland

+ + + + + + + + + + M +

9

Pituitary Gland

+ + + + + + + + + + + +

10

Thyroid Gland

+ + + + + + + + + + + +

10

GENERAL BODY SYSTEM

NONE

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

+ .. Tissue examined microscopically

X .. Lesion present

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| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| HARLAN SPRAGUE DAWLEY RATS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 6 | 6 | 3 | 3 | 3 | 3 | 6 | 3 | 3 | 3 | 3 | 6 | 6 | 3 | 3 | | | |
| FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 6.0W/kg(CDMA)chr | 7 | 7 | 8 | 8 | 8 | 0 | 0 | 0 | 1 | 1 | 3 | 4 | 5 | 5 | 5 | 6 | 6 | 6 |
| | 5 | 7 | 2 | 3 | 7 | 0 | 4 | 9 | 1 | 8 | 6 | 1 | 0 | 7 | 6 | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | * TOTALS |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-------|
| Clitoral Gland | | | | | | | | | | | | | | | | | | | 10 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | 1 | 2 1.0 |
| Ovary | | | | | | | | | | | | | | | | | | | 10 |
| Uterus | | | | | | | | | | | | | | | | | | | 10 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-------|
| Bone Marrow | | | | | | | | | | | | | | | | | | | 10 |
| Lymph Node, Mandibular | | | | | | | | | | | | | | | | | | I | 9 |
| Lymph Node, Mesenteric | | | | | | | | | | | | | | | | | | | 10 |
| Spleen | | | | | | | | | | | | | | | | | | | 10 |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Thymus | | | | | | | | | | | | | | | | | | | 10 |
| Hyperplasia, Epithelial | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-------|
| Mammary Gland | | | | | | | | | | | | | | | | | | | 10 |
| Skin | | | | | | | | | | | | | | | | | | | 10 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | 1 | 1 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

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| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| HARLAN SPRAGUE DAWLEY RATS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 6 | 6 | 3 | 3 | 3 | 3 | 6 | 3 | 3 | 3 | 3 | 6 | 6 | 3 | 3 | | |
| FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 6.0W/kg(CDMA)chr | 7 | 7 | 8 | 8 | 8 | 8 | 0 | 0 | 0 | 1 | 1 | 3 | 4 | 5 | 5 | 6 | 6 |
| | 5 | 7 | 2 | 3 | 7 | 0 | 0 | 4 | 9 | 1 | 8 | 6 | 1 | 0 | 7 | 6 | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | * TOTALS |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | |
|------------------------------|--|--|---|---|---|---|--|--|---|---|---|---|--|--|---|---|--------------|
| Bone | | | + | + | + | + | | | + | + | + | + | | | + | + | 10 |
| Skeletal Muscle | | | + | + | + | + | | | + | + | + | + | | | + | + | 10 |
| Inflammation, Chronic Active | | | | | | | | | | | 1 | | | | | | 1 1.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | |
|---------------------------|--|--|---|---|---|---|--|--|---|---|---|---|--|--|---|---|-----------|
| Brain | | | + | + | + | + | | | + | + | + | + | | | + | + | 10 |
| Nerve Trigeminal | | | + | + | + | + | | | + | + | + | + | | | + | + | 10 |
| Peripheral Nerve, Sciatic | | | + | + | + | + | | | + | + | + | + | | | + | + | 10 |
| Peripheral Nerve, Tibial | | | + | + | + | + | | | + | + | + | + | | | + | + | 10 |
| Spinal Cord, Cervical | | | + | + | + | + | | | + | + | + | + | | | + | + | 10 |
| Spinal Cord, Lumbar | | | + | + | + | + | | | + | + | + | + | | | + | + | 10 |
| Spinal Cord, Thoracic | | | + | + | + | + | | | + | + | + | + | | | + | + | 10 |
| Trigeminal Ganglion | | | + | + | + | + | | | + | + | M | + | | | + | + | 9 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | |
|------------|--|--|---|---|---|---|--|--|---|---|---|---|--|--|---|---|--------------|
| Lung | | | + | + | + | + | | | + | + | + | + | | | + | + | 10 |
| Congestion | | | | | | | | | | | | | | | 1 | | 1 1.0 |

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

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| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| HARLAN SPRAGUE DAWLEY RATS FEMALE | 6 | 6 | 3 | 3 | 3 | 3 | 6 | 3 | 3 | 3 | 3 | 6 | 6 | 3 | 3 | | | |
| 6.0W/kg(CDMA)chr | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 7 | 7 | 8 | 8 | 8 | 0 | 0 | 0 | 1 | 1 | 3 | 4 | 5 | 5 | 6 | 6 | | |
| | 5 | 7 | 2 | 3 | 7 | 0 | 4 | 9 | 1 | 8 | 6 | 1 | 0 | 7 | 6 | | | |
| | | | | | | | | | | | | | | | | | | * TOTALS |
| Nose | | | + | + | + | + | | + | + | + | + | | | + | + | | | 10 |
| Trachea | | | + | + | + | + | | + | + | + | + | | | + | + | | | 10 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | |
| Eye | | | + | + | + | + | | + | + | + | + | | | + | + | | | 10 |
| Conjunctiva, Inflammation, Chronic Active | | | | | | | | | 1 | | | | | | | | | 1 1.0 |
| Harderian Gland | | | + | + | + | + | | + | + | + | + | | | + | + | | | 10 |
| Inflammation, Chronic | | | | | 1 | | | | | | | | | | | | | 1 1.0 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | |
| Kidney | | | + | + | + | + | | + | + | + | + | | | + | + | | | 10 |
| Infiltration Cellular, Mixed Cell | | | 1 | | | | | | | | | | | | | | | 1 1.0 |
| Inflammation, Chronic Active | | | | | | | | | 2 | | | | | | | | | 1 2.0 |
| Nephropathy, Chronic Progressive | | | | | | 1 | | 1 | | 1 | | | | 1 | | | | 4 1.0 |
| Urinary Bladder | | | + | + | + | + | | + | + | + | + | | | + | + | | | 10 |

*** END OF REPORT ***

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