

**Experiment Number:** 20105 - 14

**Test Type:** 28-DAY

**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:** 08/16/2017

**Time Report Requested:** 11:38:27

**First Dose M/F:** 12/09/10 / 12/09/10

**Lab:** IIT

Final1\_ Rats (CDMA)

**NTP Study Number:** C20105B  
**Lock Date:** 11/06/2014  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** 25021 TSAC  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

Experiment Number: 20105 - 14

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

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Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/16/2017

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First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>HARLAN SPRAGUE DAWLEY RATS MALE</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	3	3	3	3	3	3	3	3	3
		9	9	9	9	9	0	0	0	0	0	0	0	0	0
	<b>0W/kg(CDMA)PreC</b>														
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
		2	2	2	2	2	2	2	2	2	2	2	2	2	2
		0	0	0	0	0	0	0	0	0	0	0	0	1	0
		1	2	3	4	5	6	7	8	9	0				
<b>* TOTALS</b>															

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Extramedullary Hematopoiesis									1						1 1.0
Inflammation, Focal		1	1	1	1										4 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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Experiment Number: 20105 - 14

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CAS Number: CELLPRADCDMA

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Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

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

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10	
Heart	+	+	+	+	+	+	+	+	+	+	10	
Cardiomyopathy										1		1 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10	
Accessory Adrenal Cortical Nodule					X							1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland	+	+	+	+	+	M	M	M	+		7	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10	
Pars Distalis, Cyst	X			X								2
Rathke's Cleft, Dilation	2	2	2		1	1	3	1	3			8 1.9
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10	
Ectopic Thymus		X										1
Ultimobranchial Cyst		X		X								2

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

\* .. 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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First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

HARLAN SPRAGUE DAWLEY RATS MALE 0W/kg(CDMA)PreC	DAY ON TEST										* TOTALS
	0 0 2 9	0 0 2 9	0 0 2 9	0 0 2 9	0 0 2 9	0 0 3 0	0 0 3 0	0 0 3 0	0 0 3 0	0 0 3 0	
ANIMAL ID	0 0 2 0 1	0 0 2 0 2	0 0 2 0 3	0 0 2 0 4	0 0 2 0 5	0 0 2 0 6	0 0 2 0 7	0 0 2 0 8	0 0 2 0 9	0 0 2 0 0	
Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	10 4 1.0
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
<b>HEMATOPOIETIC SYSTEM</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular Hemorrhage	+	+	+	+	+	+	+	+	+	+	10 2 1.5
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10

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HARLAN SPRAGUE DAWLEY RATS MALE 0W/kg(CDMA)PreC	DAY ON TEST	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
		2	2	2	2	2	3	3	3	3	3	3	3	3	3
		9	9	9	9	9	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	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2
		0	0	0	0	0	0	0	0	0	0	0	0	1	1
		1	2	3	4	5	6	7	8	9	0	0	0	0	0
<b>* TOTALS</b>															

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Hemorrhage		2													1 2.0
Inflammation		1													1 1.0
Perivascular, Infiltration Cellular, Eosinophil							1								1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Glands, Respiratory Epithelium, Cyst														X	1
Respiratory Epithelium, Hyperplasia						1	1								2 1.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

URINARY SYSTEM

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

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

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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	0	0	
<b>HARLAN SPRAGUE DAWLEY RATS</b>	2	2	2	2	2	3	3	3	3	3	
<b>MALE</b>	9	9	9	9	9	0	0	0	0	0	
<b>0W/kg(CDMA)PreC</b>											
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
	<b>* TOTALS</b>										
Pelvis, Dilation	2										<b>1 2.0</b>
Renal Tubule, Casts Protein	1										<b>1 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

Heart

+ + + + + + + + + +

10

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Preputial Gland

+ + + + + + + + + +

10

Inflammation, Chronic

1

1

1

1

1

4 1.0

Bilateral, Inflammation, Chronic

1

1

2

3 1.3

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

\* .. 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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<b>HARLAN SPRAGUE DAWLEY RATS</b> <b>MALE</b> <b>3W/kg(CDMA)PreC</b>	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
		2	2	2	2	2	3	3	3	3	3	3	3	3
		9	9	9	9	9	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	0	0	0	0	0	0	0	0	0	0
		4	4	4	4	4	4	4	4	4	4	4	4	4
		4	4	4	4	4	4	4	4	4	4	4	5	5
		1	2	3	4	5	6	7	8	9	0	0	0	0

\* TOTALS

NONE

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---

10

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+
Nephropathy, Chronic Progressive	1	1			1			1	1	1			
Renal Tubule, Casts Protein					1								

10

6 1.0

1 1.0

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	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>HARLAN SPRAGUE DAWLEY RATS</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MALE</b>		2	2	2	2	2	3	3	3	3	3	3	3	3	3
<b>6W/kg(CDMA)PreC</b>		9	9	9	9	9	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	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
		0	0	0	0	0	0	0	0	0	0	0	0	1	1
		1	2	3	4	5	6	7	8	9	0	0	0	0	0
<b>* TOTALS</b>															

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

Heart

+ + + + + + + + + +

10

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Preputial Gland

+ + + + + + + + + +

10

Inflammation, Chronic

1 1 1

3 1.0

Bilateral, Inflammation, Chronic

2 1 1

3 1.3

**HEMATOPOIETIC SYSTEM**

Thymus

+

1

Congestion

2

1 2.0

**INTEGUMENTARY SYSTEM**

NONE

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HARLAN SPRAGUE DAWLEY RATS MALE 6W/kg(CDMA)PreC	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	0	0	0	0
		2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
		9	9	9	9	9	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	0	0
		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	5	5	5
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0	0	0	0	0	0	0	0	0
<b>* TOTALS</b>																			

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

10

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nephropathy, Chronic Progressive	1		1		1													1

10

4 1.0

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Lab: IIT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>HARLAN SPRAGUE DAWLEY RATS MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0
	<b>9W/kg(CDMA)PreC</b>														
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
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7
	1	2	3	4	5	6	7	8	9	0	0	0	0	0	0
<b>* TOTALS</b>															

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Extramedullary Hematopoiesis														1	1 1.0
Inflammation, Focal	1	1			1	1									4 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular Erosion	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
					1										1 1.0

**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 - 14

Test Type: 28-DAY

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: 08/16/2017

Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
<b>HARLAN SPRAGUE DAWLEY RATS</b>	2	2	2	2	2	3	3	3	3	3
<b>MALE</b>	9	9	9	9	9	0	0	0	0	0
ANIMAL ID	0	0	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
	6	6	6	6	6	6	6	6	6	7
	1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>										

Blood Vessel + + + + + + + + + + 10

Heart + + + + + + + + + + 10

ENDOCRINE SYSTEM

Adrenal Cortex + + + + + + + + + + 10

Adrenal Medulla + + + + + + + + + + 10

Islets, Pancreatic + + + + + + + + + + 10

Parathyroid Gland + + + + + + + + + + 10

Pituitary Gland + + + + + + + + + + 10

Rathke's Cleft, Dilation 1 1 2 1 2 5 1.4

Thyroid Gland + + + + + + + + + + 10

Ectopic Thymus X 1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis + + + + + + + + + + 10

Infiltration Cellular, Mixed Cell 1 1 2 1.0

Preputial Gland + + + + + + + + + + 10

Inflammation, Chronic 2 1 1 1 1 1 1 1 8 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

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20105 - 14

Test Type: 28-DAY

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: 08/16/2017

Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
HARLAN SPRAGUE DAWLEY RATS MALE	2	2	2	2	2	3	3	3	3	3	
	9	9	9	9	9	0	0	0	0	0	
9W/kg(CDMA)PreC	0	0	0	0	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	
	6	6	6	6	6	6	6	6	6	7	
	1	2	3	4	5	6	7	8	9	0	
	<b>* TOTALS</b>										
Bilateral, Inflammation, Chronic	1										<b>1 1.0</b>
Prostate	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Testes	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<b>HEMATOPOIETIC SYSTEM</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thymus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Skin	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<b>NERVOUS SYSTEM</b>											

\* .. 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 - 14

Test Type: 28-DAY

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: 08/16/2017

Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

HARLAN SPRAGUE DAWLEY RATS MALE 9W/kg(CDMA)PreC	DAY ON TEST										ANIMAL ID				
	0	0	0	0	0	0	0	0	0	0					
	0	0	0	0	0	0	0	0	0	0	0				
	2	2	2	2	2	3	3	3	3	3	5				
	9	9	9	9	9	0	0	0	0	0	6				
	0	0	0	0	0	0	0	0	0	0	1				
	0	0	0	0	0	0	0	0	0	0	2				
	5	5	5	5	5	5	5	5	5	5	3				
	6	6	6	6	6	6	6	6	6	7	4				
	1	2	3	4	5	6	7	8	9	0	5				
															<b>* TOTALS</b>
Brain	+	+	+	+	+	+	+	+	+	+					<b>10</b>
<b>RESPIRATORY SYSTEM</b>															
Lung	+	+	+	+	+	+	+	+	+	+					<b>10</b>
Perivascular, Infiltration Cellular, Eosinophil				1											<b>1 1.0</b>
Nose	+	+	+	+	+	+	+	+	+	+					<b>10</b>
Olfactory Epithelium, Cyst						X									<b>1</b>
Respiratory Epithelium, Hyperplasia			1						1						<b>2 1.0</b>
Trachea	+	+	+	+	+	+	+	+	+	+					<b>10</b>
<b>SPECIAL SENSES SYSTEM</b>															
Eye	+	+	+	+	+	+	+	+	+	+					<b>10</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+					<b>10</b>
<b>URINARY SYSTEM</b>															
Kidney	+	+	+	+	+	+	+	+	+	+					<b>10</b>
Nephropathy, Chronic Progressive	1			1											<b>2 1.0</b>
Renal Tubule, Casts Protein								1	1						<b>2 1.0</b>
Renal Tubule, Degeneration			1												<b>1 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+					<b>10</b>

\*\*\* 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 - 14

Test Type: 28-DAY

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: 08/16/2017

Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

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

\* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	10		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	10		
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	10		
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	10		
Liver	+	+	+	+	+	+	+	+	+	10		
Extramedullary Hematopoiesis						1					1	1.0
Hepatodiaphragmatic Nodule		X									1	
Inflammation, Focal		1				1		1	1		4	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 - 14

Test Type: 28-DAY

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: 08/16/2017

Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

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

Blood Vessel + + + + + + + + + + **10**

Heart + + + + + + + + + + **10**

**ENDOCRINE SYSTEM**

Adrenal Cortex + + + + + + + + + + **10**  
 Accessory Adrenal Cortical Nodule X X X **4**

Adrenal Medulla + + + + + + + + + + **10**

Islets, Pancreatic + + + + + + + + + + **10**

Parathyroid Gland + + + + + + + + + + **10**

Pituitary Gland + + + + + + + + + + **10**  
 Rathke's Cleft, Dilation 1 1 1 1 1 1 **6 1.0**

Thyroid Gland + + + + + + + + + + **10**  
 Ectopic Thymus X X X **5**  
 Ultimobranchial Cyst X X **3**

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland + + + + + + + + + + **10**  
 Inflammation, Chronic 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

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



Experiment Number: 20105 - 14

Test Type: 28-DAY

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: 08/16/2017

Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	3	3	3	3	3		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2		
	3	3	3	3	3	3	3	3	3	4		
	1	2	3	4	5	6	7	8	9	0		
											<b>* TOTALS</b>	
Bilateral, Inflammation, Chronic				1								<b>1 1.0</b>
Ovary	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Mineral			1									<b>1 1.0</b>
Uterus	+	+	+	+	+	+	+	+	+	+		<b>10</b>
<b>HEMATOPOIETIC SYSTEM</b>												
Bone Marrow	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Spleen	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Thymus	+	+	+	+	+	+	+	+	+	+		<b>10</b>
<b>INTEGUMENTARY SYSTEM</b>												
Mammary Gland	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Skin	+	+	+	+	+	+	+	+	+	+		<b>10</b>
<b>MUSCULOSKELETAL SYSTEM</b>												
Bone	+	+	+	+	+	+	+	+	+	+		<b>10</b>
<b>NERVOUS SYSTEM</b>												

\* .. 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 - 14

Test Type: 28-DAY

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: 08/16/2017

Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

HARLAN SPRAGUE DAWLEY RATS FEMALE 0W/kg(CDMA)PreC	DAY ON TEST										ANIMAL ID			
	0 0 2 9	0 0 2 9	0 0 2 9	0 0 2 9	0 0 2 9	0 0 3 0	0 0 3 0	0 0 3 0	0 0 3 0	0 0 3 0				
	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0			
	2	2	2	2	2	2	2	2	2	2	2			
	3	3	3	3	3	3	3	3	3	3	3			
	1	2	3	4	5	6	7	8	9	4	0			
													<b>* TOTALS</b>	
Brain	+	+	+	+	+	+	+	+	+	+				<b>10</b>
<b>RESPIRATORY SYSTEM</b>														
Lung	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Hemorrhage		1			1									<b>2 1.0</b>
Metaplasia, Osseous					1									<b>1 1.0</b>
Mineral					1									<b>1 1.0</b>
Alveolus, Inflammation, Chronic Active					1									<b>1 1.0</b>
Subpleura, Inflammation, Chronic						1				1				<b>2 1.0</b>
Nose	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Respiratory Epithelium, Hyperplasia	1				1									<b>2 1.0</b>
Trachea	+	+	+	+	+	+	+	+	+	+				<b>10</b>
<b>SPECIAL SENSES SYSTEM</b>														
Eye	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+				<b>10</b>
<b>URINARY SYSTEM</b>														
Kidney	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Renal Tubule, Casts Protein		1		1										<b>2 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+				<b>10</b>

\* .. 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 - 14

Test Type: 28-DAY

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: 08/16/2017

Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

	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	
<b>HARLAN SPRAGUE DAWLEY RATS</b>		2	2	2	2	2	3	3	3	3	3	3	3	3	
<b>FEMALE</b>		9	9	9	9	9	0	0	0	0	0	0	0	0	
<b>3W/kg(CDMA)PreC</b>	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	
		4	4	4	4	4	4	4	4	4	4	4	4	4	
		7	7	7	7	7	7	7	7	7	7	7	8	8	
		1	2	3	4	5	6	7	8	9	0	0	0	0	
														<b>* TOTALS</b>	

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

Heart

+ + + + + + + + + +

10

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland

+ + + + + + + + + +

10

Inflammation, Chronic

1 1 1 1 1 1 1 1 1 1

6 1.0

Bilateral, Inflammation, Chronic

1

1 1.0

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

\* .. 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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Experiment Number: 20105 - 14

Test Type: 28-DAY

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: 08/16/2017

Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

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

NONE

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---

10

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+
Nephropathy, Chronic Progressive		1				1				

10

2 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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2) Mild 4) Marked

Experiment Number: 20105 - 14

Test Type: 28-DAY

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: 08/16/2017

Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

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

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

Heart

+ + + + + + + + + +

10

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+ + + + + + + + + +

10

Inflammation, Chronic

1 1 1 1 1 1 1 1 1 1

7 1.0

Bilateral, Inflammation, Chronic

1 2 1

3 1.3

HEMATOPOIETIC SYSTEM

Thymus

+

1

Hemorrhage

2

1 2.0

INTEGUMENTARY SYSTEM

NONE

\* .. 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 - 14

Test Type: 28-DAY

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: 08/16/2017

Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

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

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

Brain

+ + + + + + + + + +

10

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney

+ + + + + + + + + +

10

Nephropathy, Chronic Progressive

1 1 1 1

4 1.0

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

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First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

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

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Focal		1	1		1	1	1	1		1					7 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
--------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

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+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
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Experiment Number: 20105 - 14

Test Type: 28-DAY

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: 08/16/2017

Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

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

Heart	+	+	+	+	+	+	+	+	+	+	<b>10</b>
-------	---	---	---	---	---	---	---	---	---	---	-----------

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
----------------	---	---	---	---	---	---	---	---	---	---	-----------

Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
-----------------	---	---	---	---	---	---	---	---	---	---	-----------

Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	<b>10</b>
--------------------	---	---	---	---	---	---	---	---	---	---	-----------

Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	<b>9</b>
-------------------	---	---	---	---	---	---	---	---	---	---	----------

Pituitary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
-----------------	---	---	---	---	---	---	---	---	---	---	-----------

Pars Distalis, Cyst	X										<b>1</b>
---------------------	---	--	--	--	--	--	--	--	--	--	----------

Rathke's Cleft, Dilation		1								1	<b>2 1.0</b>
--------------------------	--	---	--	--	--	--	--	--	--	---	--------------

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
---------------	---	---	---	---	---	---	---	---	---	---	-----------

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
----------------	---	---	---	---	---	---	---	---	---	---	-----------

Inflammation, Chronic	1		1				1	1			<b>4 1.0</b>
-----------------------	---	--	---	--	--	--	---	---	--	--	--------------

Bilateral, Inflammation, Chronic		1		1	1	2				1	<b>5 1.2</b>
----------------------------------	--	---	--	---	---	---	--	--	--	---	--------------

Ovary	+	+	+	+	+	+	+	+	+	+	<b>10</b>
-------	---	---	---	---	---	---	---	---	---	---	-----------

Hemorrhage								2			<b>1 2.0</b>
------------	--	--	--	--	--	--	--	---	--	--	--------------

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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: 08/16/2017

Time Report Requested: 11:38:27

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0			
HARLAN SPRAGUE DAWLEY RATS FEMALE	2	2	2	2	2	3	3	3	3	3			
	9	9	9	9	9	0	0	0	0	0			
9W/kg(CDMA)PreC	0	0	0	0	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	6			
	9	9	9	9	9	9	9	9	9	0			
	1	2	3	4	5	6	7	8	9	0			
											* TOTALS		
Uterus	+	+	+	+	+	+	+	+	+	+	10		
<b>HEMATOPOIETIC SYSTEM</b>													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10		
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10		
Lymph Node, Mesenteric Hemorrhage	+	+	+	+	+	+	+	+	+	+	10	1	1.0
Spleen	+	+	+	+	+	+	+	+	+	+	10		
Thymus	+	+	+	+	+	+	+	+	+	+	10		
<b>INTEGUMENTARY SYSTEM</b>													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10		
Skin	+	+	+	+	+	+	+	+	+	+	10		
<b>MUSCULOSKELETAL SYSTEM</b>													
Bone	+	+	+	+	+	+	+	+	+	+	10		
<b>NERVOUS SYSTEM</b>													
Brain	+	+	+	+	+	+	+	+	+	+	10		
<b>RESPIRATORY SYSTEM</b>													

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Lab: IIT

HARLAN SPRAGUE DAWLEY RATS FEMALE 9W/kg(CDMA)PreC	DAY ON TEST										ANIMAL ID				
	0 0 2 9	0 0 2 9	0 0 2 9	0 0 2 9	0 0 2 9	0 0 3 0	0 0 3 0	0 0 3 0	0 0 3 0	0 0 3 0					
	0	0	0	0	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	6				
	9	9	9	9	9	9	9	9	9	9	0				
	1	2	3	4	5	6	7	8	9	0					
															<b>* TOTALS</b>
Lung	+	+	+	+	+	+	+	+	+	+					<b>10</b>
Congestion	2														<b>1 2.0</b>
Perivascular, Infiltration Cellular, Eosinophil								1	1	1					<b>3 1.0</b>
Subpleura, Inflammation, Chronic	1	1			1		1			1					<b>5 1.0</b>
Nose	+	+	+	+	+	+	+	+	+	+					<b>10</b>
Trachea	+	+	+	+	+	+	+	+	+	+					<b>10</b>
<b>SPECIAL SENSES SYSTEM</b>															
Eye	+	+	+	+	+	+	+	+	+	+					<b>10</b>
Retina, Dysplasia						1									<b>1 1.0</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+					<b>10</b>
<b>URINARY SYSTEM</b>															
Kidney	+	+	+	+	+	+	+	+	+	+					<b>10</b>
Nephropathy, Chronic Progressive			1		1			1							<b>3 1.0</b>
Renal Tubule, Degeneration					1										<b>1 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+					<b>10</b>

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

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