

Experiment Number: 20105 - 75

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017

Time Report Requested: 13:01:58

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

Final 1 CDMA Mice 14-Week Special Study

NTP Study Number: C20105B

Lock Date: 04/07/2016

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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B6C3F1 MICE MALE	0 W/kg	DAY ON TEST																		
			0	0	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	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	0	0	0	0
		0	0	1	1	2	2	2	4	4	6	8	9	9	9	0	0	0	0	0
		5	9	2	8	2	6	7	0	8	3	7	8	9	9	1	1	5	0	0
																				* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	8
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
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

Aorta	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

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

+ .. Tissue examined microscopically

X .. Lesion present

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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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B6C3F1 MICE MALE	0 W/kg	DAY ON TEST																* TOTALS	
			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	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Blood Vessel			+															1	
Heart			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
ENDOCRINE SYSTEM																			
Adrenal Cortex			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Adrenal Medulla			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Islets, Pancreatic			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland			M	M	M	M	+	M	M	M	M	M	M	M	M	M	M	2	
Pituitary Gland			+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	9	
Thyroid Gland			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
GENERAL BODY SYSTEM																			
NONE																			
GENITAL SYSTEM																			
Epididymis			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Preputial Gland			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Prostate			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Seminal Vesicle			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	

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Lab: IIT

B6C3F1 MICE MALE	DAY ON TEST																* TOTALS	
		0 0 9 5	0 0 9 3															
0 W/kg	ANIMAL ID	0 0 0 0																
Testis		+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	10		
HEMATOPOIETIC SYSTEM																		
Bone Marrow		+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	10	
Lymph Node, Mandibular		+ M + + M	+ M + + M	+ M + + M	+ M + + M	+ M + + M	+ M + + M	+ M + + M	+ M + + M	+ M + + M	+ M + + M	+ M + + M	+ M + + M	+ M + + M	+ M + + M	+ M + + M	5	
Lymph Node, Mesenteric		+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	10
Spleen		+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	10
Thymus		+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	10
INTEGUMENTARY SYSTEM																		
Mammary Gland		M M M M M	M + M M M	M + M M M	M + M M M	M + M M M	M + M M M	M + M M M	M + M M M	M + M M M	M + M M M	M + M M M	M + M M M	M + M M M	M + M M M	M + M M M	M + M M M	1
Skin		+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	10
MUSCULOSKELETAL SYSTEM																		
Bone		+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	10
Skeletal Muscle		+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	10
NERVOUS SYSTEM																		
Brain		+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	+ + + + +	10
Hemorrhage																	1 1.0	

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

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Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017
 Time Report Requested: 13:01:58
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

B6C3F1 MICE MALE	0 W/kg	DAY ON TEST																* TOTALS	
			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	0	0	* TOTALS
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Brain Trigeminal Ganglion			+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	9	
Nerve Trigeminal			+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	8	
Peripheral Nerve, Sciatic			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Spinal Cord			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
RESPIRATORY SYSTEM																			
Lung			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Congestion										2								1 2.0	
Hemorrhage			1							2								2 1.5	
Nose			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Trachea			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
SPECIAL SENSES SYSTEM																			
Eye			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Harderian Gland			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
URINARY SYSTEM																			
Kidney			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy, Chronic Progressive										1								1 1.0	
Interstitial, Infiltration Cellular, Lymphocyte										1								2 1.0	
Urinary Bladder			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

B6C3F1 MICE MALE	2.5 W/kg	DAY ON TEST																		
			0	0	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	0	0	0	0
	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9

* TOTALS

ALIMENTARY SYSTEM

Esophagus	+ +	+ +	+ + + + + +	10
Gallbladder	+ +	+ +	+ + M + + +	9
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 Infiltration Cellular, Mixed Cell	+ + 1	+ +	+ + + + + +	10 1 1.0
Pancreas	+ +	+ +	+ + + + + +	10
Salivary Glands Infiltration Cellular, Lymphocyte	+ +	+ +	+ + + + + + 1	10 1 1.0
Stomach, Forestomach	+ +	+ +	+ + + + + +	10
Stomach, Glandular	+ +	+ +	+ + + + + +	10

CARDIOVASCULAR SYSTEM

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B6C3F1 MICE MALE	2.5 W/kg	DAY ON TEST																	
			0 0 9 3	0 0 9 3	0 0 9 5	0 0 9 3	0 0 9 5	0 0 9 5	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 5					
ANIMAL ID	0 0 8 4 3	0 0 8 4 6	0 0 8 7 2	0 0 8 7 9	0 0 8 8 2	0 0 8 8 5	0 0 8 9 6	0 0 9 9 9	0 0 9 1 0	0 0 9 1 3	0 0 9 1 9	0 0 9 2 0	0 0 9 2 5	0 0 9 4 1			* TOTALS		
Aorta	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +			10		
Heart	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +			10		
ENDOCRINE SYSTEM																			
Adrenal Cortex	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +			10		
Adrenal Medulla	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +			10		
Islets, Pancreatic	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +			10		
Parathyroid Gland	M +	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M			3		
Pituitary Gland	+ +	M +	M +	M +	M +	M +	M +	M +	M +	M +	M +	M +	M +	M +			9		
Thyroid Gland	+ +	+ +	I +	I +	I +	I +	I +	I +	I +	I +	I +	I +	I +	I +			9		
GENERAL BODY SYSTEM																			
NONE																			
GENITAL SYSTEM																			
Epididymis	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +			10		
Preputial Gland	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ M			9		
Prostate	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +			10		
Seminal Vesicle	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +			10		

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Lab: IIT

B6C3F1 MICE MALE	2.5 W/kg	DAY ON TEST															
			0 0 9 3	0 0 9 3	0 0 9 5	0 0 9 3	0 0 9 5	0 0 9 5	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 5			
		ANIMAL ID	0 0 8 4 3	0 0 8 4 6	0 0 8 7 2	0 0 8 7 9	0 0 8 8 2	0 0 8 9 5	0 0 9 9 6	0 0 9 9 9	0 0 9 1 0	0 0 1 3	0 0 1 9	0 0 2 0	0 0 2 5	0 0 4 1	* TOTALS
Testis			+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	10	
HEMATOPOIETIC SYSTEM																	
Bone Marrow			+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	10	
Lymph Node, Mandibular			M +	+ +	+ +	+ +	M	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	8	
Lymph Node, Mesenteric			+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	10	
Spleen			+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	10	
Thymus			+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	10	
INTEGUMENTARY SYSTEM																	
Mammary Gland			M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	0	
Skin			+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	10	
MUSCULOSKELETAL SYSTEM																	
Bone			+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	10	
Skeletal Muscle			+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	10	
NERVOUS SYSTEM																	
Brain			+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	10	
Brain Trigeminal Ganglion			+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	10	

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

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Lab: IIT

B6C3F1 MICE MALE	2.5 W/kg	DAY ON TEST																
			0 0 9 3	0 0 9 3	0 0 9 5	0 0 9 3	0 0 9 5	0 0 9 5	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 5					
ANIMAL ID	0 0 8 4 3	0 0 8 4 6	0 0 8 7 2	0 0 8 7 2	0 0 8 8 5	0 0 8 9 6	0 0 9 9 9	0 0 9 1 0	0 0 9 1 3	0 0 9 1 9	0 0 9 2 0	0 0 9 2 5	0 0 9 2 1					
* TOTALS																		
Nerve Trigeminal	+ +		+ +		M	+ M	+ + +											8
Peripheral Nerve, Sciatic	+ +		+ +		+ + +	+ + +	+ + +											10
Spinal Cord	+ +		+ +		+ + +	+ + +	+ + +											10
RESPIRATORY SYSTEM																		
Lung	+ +		+ +		+ + +	+ + +	+ + +											10
Nose	+ +		+ +		+ + +	+ + +	+ + +											10
Trachea	+ +		+ +		+ + +	+ + +	+ + +											10
SPECIAL SENSES SYSTEM																		
Eye	+ +		+ +		+ + +	+ + +	+ + +											10
Harderian Gland	+ +		+ +		+ + +	+ + +	+ + +											10
URINARY SYSTEM																		
Kidney	+ +		+ +		+ + +	+ + +	+ + +											10
Interstitial, Infiltration Cellular, Lymphocyte	1																	2 1.0
Urinary Bladder	+ +		+ +		+ + +	+ + +	+ + +											10

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20105 - 75
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017
Time Report Requested: 13:01:58
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

B6C3F1 MICE MALE	5 W/kg	DAY ON TEST																		
			0	0	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	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	9
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
Infiltration Cellular, Lymphocyte																			1 1.0
Infiltration Cellular, Mixed Cell, Multifocal																			2 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 - 75

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017

Time Report Requested: 13:01:58

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

B6C3F1 MICE MALE	DAY ON TEST																* TOTALS
		0 0 9 5	0 0 9 3														
5 W/kg	ANIMAL ID	0 1 0 5 1	0 1 0 5 2	0 1 0 6 8	0 0 8 8 9	0 1 0 0 4	0 1 1 8 9	0 1 1 8 4	0 1 1 2 8	0 1 2 6 1	0 1 3 4 8	0 1 1 3 2	0 1 1 3 2	0 1 1 5 2	0 1 1 5 2	0 1 1 5 2	
Aorta		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
ENDOCRINE SYSTEM																	
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland		M	M	M	M	M	M	M	M	+	M	M	+	M	+	2	
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	M	+	9	
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
GENERAL BODY SYSTEM																	
NONE																	
GENITAL SYSTEM																	
Epididymis		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Preputial Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Prostate		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	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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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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Experiment Number: 20105 - 75

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017

Time Report Requested: 13:01:58

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

B6C3F1 MICE MALE	5 W/kg	DAY ON TEST																
			0 0 9 5	0 0 9 3	* TOTALS													
ANIMAL ID	0 1 0 5 1	0 1 0 5 2	0 1 0 5 6	0 1 0 6 8	0 1 0 6 8	0 1 0 8 4	0 1 0 8 9	0 1 0 8 4	0 1 1 2 1	0 1 1 2 6	0 1 1 2 4	0 1 1 2 8	0 1 1 2 2	0 1 1 3 8	0 1 1 3 2	0 1 1 3 8	0 1 1 3 2	
	Testis			+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	HEMATOPOIETIC SYSTEM																	
	Bone Marrow			+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	Lymph Node, Mandibular Hemorrhage			+	+	+	+	+	+	M	+	+	+	+	+	+	9	
				1													1 1.0	
	Lymph Node, Mesenteric			+	+	M	+	+	+	+	+	+	+	+	+	+	9	
	Spleen			+	+	+	+	M	+	+	+	+	+	+	+	+	9	
	Thymus			+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	INTEGUMENTARY SYSTEM																	
	Mammary Gland			M	M	M	M	M	M	M	M	M	M	M	M	M	0	
	Skin			+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	MUSCULOSKELETAL SYSTEM																	
	Bone			+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	Skeletal Muscle			+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	NERVOUS SYSTEM																	
	Brain			+	+	+	+	+	+	+	+	+	+	+	+	+	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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Experiment Number: 20105 - 75

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017

Time Report Requested: 13:01:58

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

B6C3F1 MICE MALE	DAY ON TEST																* TOTALS
		0 0 9 5	0 0 9 3														
5 W/kg	ANIMAL ID	0 1 0 5 1	0 1 0 5 2	0 1 0 6 8	0 0 8 8 9	0 1 0 0 4	0 1 1 8 9	0 1 1 8 4	0 1 1 2 8	0 1 2 6 1	0 1 3 4 8	0 1 3 3 2	0 1 3 3 2	0 1 3 3 2	0 1 3 3 2	0 1 3 3 2	
Brain Trigeminal Ganglion		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Nerve Trigeminal		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Peripheral Nerve, Sciatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Spinal Cord		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
RESPIRATORY SYSTEM																	
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Infiltration Cellular, Mixed Cell																1 2.0	
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
SPECIAL SENSES SYSTEM																	
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
URINARY SYSTEM																	
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy, Chronic Progressive																1 1.0	
Interstitial, Infiltration Cellular, Lymphocyte		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 - 75
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017
Time Report Requested: 13:01:58
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

B6C3F1 MICE MALE	10 W/kg	DAY ON TEST																		
			0	0	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	0	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
			2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
			6	6	7	7	8	9	0	2	2	2	2	3	3	3	4	4	5	5
			6	9	5	7	2	6	8	0	3	6	9	3	7	8	8	4	4	4

* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Gallbladder	M	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	7	
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 1.0	
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 - 75

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017

Time Report Requested: 13:01:58

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Coagulating Gland

Epididymis

* Total patients with time to progression unmeasurable. Total patients with tumor nodal metastasis unknown.

* .. Total animals with tissue examined

M. Missing tissue

+ .. Tissue examined

X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation

BLANK Not examined microscopically

BLANK .. Not examined microscopically

1-4 ... Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 20105 - 75

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

Cell Phone Radiation: CDMA

CAS Number: CELPRADCDMA

Date Report Requested: 08/29/2017

Time Report Requested: 13:01:58

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

* .. 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 - 75

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017

Time Report Requested: 13:01:58

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

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

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1) Minimal 3) Moderate
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Experiment Number: 20105 - 75

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017

Time Report Requested: 13:01:58

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

		DAY ON TEST																
		ANIMAL ID															* TOTALS	
B6C3F1 MICE MALE		10 W/kg																
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	
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
5	3	5	5	3	3	3	3	3	3	3	3	3	3	5	5	5	3	
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	
2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	
6	6	7	7	8	9	0	2	2	2	2	2	3	3	4	4	5	5	
6	9	5	7	2	6	8	0	3	6	9	3	7	8	8	4	4		
Kidney		+		+	+	+	+	+	+	+	+	+	+	+	+	10		
Nephropathy, Chronic Progressive																	1 1.0	
Interstitial, Infiltration Cellular, Lymphocyte																	1 1.0	
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 - 75
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017
Time Report Requested: 13:01:58
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

B6C3F1 MICE FEMALE	0 W/kg	DAY ON TEST																	
			0	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	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	9
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 1.0
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 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017
 Time Report Requested: 13:01:58
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

B6C3F1 MICE FEMALE	DAY ON TEST																
		0 0 9 2															
0 W/kg	ANIMAL ID																
		0 0 1 0 6	0 0 1 2 9	0 0 1 3 2	0 0 1 4 1	0 0 1 4 5	0 0 1 5 1	0 0 1 5 8	0 0 1 6 1	0 0 1 7 4	0 0 1 8 0	0 0 1 8 7	0 0 1 8 8	0 0 1 9 7	0 0 1 9 8	0 0 1 9 9	0 0 1 9 2
Aorta		+ + + + + +	+ + + + +														10
Heart		+ + + + + +	+ + + + +														10
ENDOCRINE SYSTEM																	
Adrenal Cortex		+ + + + + +	+ + + + +														10
Adrenal Medulla		+ + + + + +	+ + + + +														10
Islets, Pancreatic		+ + + + + +	+ + + + +														10
Parathyroid Gland		M + + M + +	M + + +														7
Pituitary Gland		+ + + + + +	M + + +														9
Thyroid Gland		+ + + + + +	+ + + + +														10
Infiltration Cellular, Lymphocyte																	1 1.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+ + + M + M	+ + M M	6
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 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017
 Time Report Requested: 13:01:58
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

B6C3F1 MICE FEMALE	0 W/kg	DAY ON TEST																	
			0	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	* TOTALS
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
HEMATOPOIETIC SYSTEM																			
Bone Marrow			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Mandibular			+	+	+	+	+	+	+	+	M	M	+						8
Lymph Node, Mesenteric			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Spleen			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Thymus			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
INTEGUMENTARY SYSTEM																			
Mammary Gland			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Skin			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
MUSCULOSKELETAL SYSTEM																			
Bone			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Skeletal Muscle			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
NERVOUS SYSTEM																			
Brain			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Brain Trigeminal Ganglion			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Nerve Trigeminal			+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	9

* .. 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 - 75

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017

Time Report Requested: 13:01:58

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

		DAY ON TEST																
		ANIMAL ID																
B6C3F1 MICE FEMALE	0 W/kg		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	
			2	2	2	2	2	2	5	2	2	2	2	5	5	5	5	
			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	
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
			0	2	3	4	4	4	5	5	5	6	7	8	8	9	0	
			6	9	2	1	4	5	1	8	1	4	0	7	8	9	2	
* TOTALS																		
Peripheral Nerve			+															1
Peripheral Nerve, Sciatic			+ + + + + + + + + + + + + +															10
Spinal Cord			+ + + + + + + + + + + + + +															10
RESPIRATORY SYSTEM																		
Lung			+ + + + + + + + + + + + + +															10
Nose			+ + + + + + + + + + + + + +															10
Trachea			+ + + + + + + + + + + + + +															10
SPECIAL SENSES SYSTEM																		
Eye			+ + + + + + + + + + + + + +															10
Harderian Gland			+ + + + + + + + + + + + + +															10
URINARY SYSTEM																		
Kidney			+ + + + + + + + + + + + + +															10
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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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20105 - 75
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017
Time Report Requested: 13:01:58
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

B6C3F1 MICE FEMALE	2.5 W/kg	DAY ON TEST																		
			0	0	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	0	0	0	0
	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1

* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	9
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

Aorta	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

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

+ .. Tissue examined microscopically

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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 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017
 Time Report Requested: 13:01:58
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

B6C3F1 MICE FEMALE 2.5 W/kg	DAY ON TEST															
		0 0 9 5	0 0 9 2	0 0 9 2	0 0 9 5	0 0 9 5	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 5	
ANIMAL ID																* TOTALS
	0 0 9 5	0 0 9 6	0 0 9 5	0 0 9 7	0 0 9 7	0 0 9 9	0 0 9 1	0 0 9 2	0 0 9 3	0 0 9 3	0 0 9 4	0 0 9 0	0 0 9 0	0 0 9 4	0 0 9 4	0
Heart		+ + + +		+ + + + +												10
ENDOCRINE SYSTEM																
Adrenal Cortex		+ + + +		+ + + + +												10
Adrenal Medulla		+ + + +		+ + + + +												10
Islets, Pancreatic		+ + + +		+ + + + +												10
Parathyroid Gland		M M M M		+ + + M M M												3
Pituitary Gland		+ + + +		+ + + + +												10
Thyroid Gland		+ + + +		+ + + + +												10
GENERAL BODY SYSTEM																
NONE																
GENITAL SYSTEM																
Clitoral Gland		+ M + +		+ + + M M												7
Ovary		+ + + +		+ + + + +												10
Uterus		+ + + +		+ + + + +												10
HEMATOPOIETIC SYSTEM																
Bone Marrow		+ + + +		+ + + + +												10

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

+ .. Tissue examined microscopically

X .. Lesion present

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1-4 .. Lesion qualified as:

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Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017
 Time Report Requested: 13:01:58
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

B6C3F1 MICE FEMALE	2.5 W/kg	DAY ON TEST																* TOTALS	
			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	0	
		0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	
Lymph Node, Mandibular			+	+	+	+		+	+	M	+	+		M				8	
Lymph Node, Mesenteric			+	+	+	+		+	+	+	+	+	+	+				10	
Spleen			+	+	+	+		+	+	+	+	+	+	+				10	
Thymus			+	+	+	+		+	+	+	+	+	+	+				10	
INTEGUMENTARY SYSTEM																			
Mammary Gland			+	+	+	+		+	+	+	+	+	+	+				10	
Skin			+	+	+	+		+	+	+	+	+	+	+				10	
MUSCULOSKELETAL SYSTEM																			
Bone			+	+	+	+		+	+	+	+	+	+	+				10	
Skeletal Muscle			+	+	+	+		+	+	+	+	+	+	+				10	
NERVOUS SYSTEM																			
Brain			+	+	+	+		+	+	+	+	+	+	+				10	
Brain Trigeminal Ganglion			+	+	M	M		+	M	+	+	+	+	+				7	
Nerve Trigeminal			M	+	+	M		+	+	+	+	+	+	M				7	
Peripheral Nerve, Sciatic			+	+	+	+		+	+	+	+	+	+	+				10	
Spinal Cord			+	+	+	+		+	+	+	+	+	+	+				10	

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

+ .. Tissue examined microscopically

X .. Lesion present

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20105 - 75

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 08/29/2017

Test Type: CHRONIC

Cell Phone Radiation: CDMA

Time Report Requested: 13:01:58

Route: Whole Body Exposure

CAS Number: CELLPRADCDMA

First Dose M/F: 06/18/12 / 06/18/12

Species/Strain: MICE/B6C3F1

Lab: IIT

B6C3F1 MICE FEMALE	2.5 W/kg	DAY ON TEST																* TOTALS
			0 0 9 5	0 0 9 2	0 0 9 2	0 0 9 5	0 0 9 5	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 5		
ANIMAL ID	0 0 9 5	0 0 9 5	0 0 9 3	0 0 9 7	0 0 9 7	0 1 9	1 0	1 0	* TOTALS									
	0 0 9 5	0 0 9 5	0 0 9 3	0 0 9 7	0 0 9 7	0 1 9	1 0	1 0										
Cyst, Squamous		X																1
RESPIRATORY SYSTEM																		
Lung			+	+	+	+		+	+	+	+	+	+					10
Nose			+	+	+	+		+	+	+	+	+	+					10
Trachea			+	+	+	+		+	+	+	+	+	+					10
SPECIAL SENSES SYSTEM																		
Eye			+	+	+	+		+	+	+	+	+	+					10
Retina, Dysplasia																		1 1.0
Harderian Gland			+	+	+	+		+	+	+	+	+	+					10
URINARY SYSTEM																		
Kidney			+	+	+	+		+	+	+	+	+	+					10
Nephropathy, Chronic Progressive			1					+	+	+	+	+	+					1 1.0
Interstitial, Infiltration Cellular, Lymphocyte																		1 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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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20105 - 75

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 08/29/2017

Test Type: CHRONIC

Cell Phone Radiation: CDMA

Time Report Requested: 13:01:58

Route: Whole Body Exposure

CAS Number: CELLPRADCDMA

First Dose M/F: 06/18/12 / 06/18/12

Species/Strain: MICE/B6C3F1

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	0	0	0	0	0	0
ANIMAL ID	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	5	5	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	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	6	7	7	8	8	9	9	9	0	0	1	2	2	2	2	2
	6	0	4	7	8	0	4	9	1	7	5	1	2	3	3	5

ALIMENTARY SYSTEM

CARDIOVASCULAR SYSTEM

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 20105 - 75

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

Cell Phone Radiation: CDMA

CAS Number: CELPRADCDMA

Date Report Requested: 08/29/2017

Time Report Requested: 13:01:58

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

HEMATOPOIETIC 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

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017
 Time Report Requested: 13:01:58
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

B6C3F1 MICE FEMALE	5 W/kg	DAY ON TEST																* TOTALS
			0 0 9 5	0 0 9 5	0 0 9 2													
ANIMAL ID																	* TOTALS	
	Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	Lymph Node, Mandibular Hemorrhage		+	+	+	+	+	+	+	+	M	+				9	1 1.0	
	Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	10		
	Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	10		
	Thymus Hemorrhage		+	+	+	+	+	+	+	+	+	+	+	+	+	10	1 1.0	
INTEGUMENTARY SYSTEM																		
Mammary Gland			+	+	+	+	+	+	+	+	+	+	+	+	+	10		
Skin			+	+	+	+	+	+	+	+	+	+	+	+	+	10		
MUSCULOSKELETAL SYSTEM																		
Bone			+	+	+	+	+	+	+	+	+	+	+	+	+	10		
Skeletal Muscle			+	+	+	+	+	+	+	+	+	+	+	+	+	10		
NERVOUS SYSTEM																		
Brain			+	+	+	+	+	+	+	+	+	+	+	+	+	10		
Brain Trigeminal Ganglion			+	+	+	+	+	+	+	+	M	+				9		
Nerve Trigeminal			+	+	+	+	+	+	+	+	+	+	+	M	+	9		

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

+ .. Tissue examined microscopically

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Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017
 Time Report Requested: 13:01:58
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

B6C3F1 MICE FEMALE	5 W/kg	DAY ON TEST															
			0 0 9 5	0 0 9 5	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 5	0 0 9 5	0 0 9 2	0 0 9 5	0 0 9 2	
ANIMAL ID																	
	Peripheral Nerve, Sciatic		+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	Spinal Cord		+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	RESPIRATORY SYSTEM																
	Larynx															1	
	Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	Hemorrhage															1	1.0
	Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	SPECIAL SENSES SYSTEM																
	Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	URINARY SYSTEM																
	Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	Interstitial, Infiltration Cellular, Lymphocyte															1	1.0
	Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	10	
	Infiltration Cellular, Lymphocyte															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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1-4 .. Lesion qualified as:

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2) Mild 4) Marked

Experiment Number: 20105 - 75

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 08/29/2017

Test Type: CHRONIC

Cell Phone Radiation: CDMA

Time Report Requested: 13:01:58

Route: Whole Body Exposure

CAS Number: CELLPRADCDMA

First Dose M/F: 06/18/12 / 06/18/12

Species/Strain: MICE/B6C3F1

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	5	5	2	2	5	2	5	2	2	5	2	2	
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	
	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	
	6	7	7	8	0	1	2	2	4	4	4	5	5	6	6	6	
	7	3	6	9	6	4	0	3	3	4	6	7	4	7	7	9	

ALIMENTARY SYSTEM

CARDIOVASCULAR SYSTEM

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate
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Experiment Number: 20105 - 75

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 08/29/2017

Test Type: CHRONIC

Cell Phone Radiation: CDMA

Time Report Requested: 13:01:58

Route: Whole Body Exposure

CAS Number: CELLPRADCDMA

First Dose M/F: 06/18/12 / 06/18/12

Species/Strain: MICE/B6C3F1

Lab: IIT

		DAY ON TEST	0 0 9 2	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	
		ANIMAL ID	0 1 3 6 7	0 1 3 7 3	0 1 4 0 4	0 1 4 1 0	0 1 4 2 3	0 1 4 2 3	0 1 4 4 4	0 1 4 4 6	0 1 4 5 7	0 1 4 5 7	0 1 4 6 7	0 1 4 6 7	0 1 4 6 9	0 1 4 6 9
B6C3F1 MICE FEMALE																
10 W/kg																
* TOTALS																
Aorta			+	+	+		+	+		+	+	+	+	+	+	10
Heart			+	+	+		+	+		+	+	+	+	+	+	10
ENDOCRINE SYSTEM																
Adrenal Cortex			+	+	+		+	+		+	+	+	+	+	+	10
Adrenal Medulla			+	+	+		+	+		+	+	+	+	+	+	10
Islets, Pancreatic			+	+	+		+	+		+	+	+	+	+	+	10
Parathyroid Gland			+	+	M		M	M		+	M	M	M	M	M	3
Pituitary Gland			+	+	+		+	+		+	+	+	+	+	+	10
Thyroid Gland			+	+	+		+	+		+	+	+	+	+	+	10
GENERAL BODY SYSTEM																
NONE																
GENITAL SYSTEM																
Clitoral Gland			+	+	+		+	M		+	M	M	+	M		6
Ovary			+	+	+		+	+		+	+	+	+	+	+	10
Uterus			+	+	+		+	+		+	+	+	+	+	+	10
HEMATOPOIETIC SYSTEM																

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017
 Time Report Requested: 13:01:58
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

B6C3F1 MICE FEMALE	10 W/kg	DAY ON TEST																
			0 0 9 2	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	* TOTALS	
ANIMAL ID		0 1 3 6 7	0 1 3 4 7	0 1 3 4 8	0 1 2 0	0 1 4 2	0 1 4 2	0 1 4 4										
		1 1	1 1 3 3 6	1 1 3 4 9	1 2 0 4 6	2 2 3 3 4	2 2 3 3 4	4 4 4 4 6	4 4 4 4 7	5 5 5 4 7	6 6 6 4 7	6 6 6 4 9	6 6 6 4 7	6 6 6 4 9	6 6 6 4 7	6 6 6 4 9	10	
Bone Marrow																		
+ + + + + + + + + + + + + + + +																		
Lymph Node, Mandibular																		
+ + + + + + + + + + + + + + + +																		
Lymph Node, Mesenteric																		
+ + + + + + M + + + + + + + + + +																		
Spleen																		
+ + + + + + + + + + + + + + + +																		
Thymus																		
+ + + + + + + + + + + + + + + +																		
Hemorrhage																		
1 1																		
INTEGUMENTARY SYSTEM																		
Mammary Gland																		
+ + + + + + + + + + + + + + + +																		
Skin																		
+ + + + + + + + + + + + + + + +																		
MUSCULOSKELETAL SYSTEM																		
Bone																		
+ + + + + + + + + + + + + + + +																		
Skeletal Muscle																		
+ + + + + + + + + + + + + + + +																		
NERVOUS SYSTEM																		
Brain																		
+ + + + + + + + + + + + + + + +																		
Brain Trigeminal Ganglion																		
+ + + + + + + + + + + + + + + +																		
Nerve Trigeminal																		
+ + + + + + M + + + + + + + + + +																		

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B6C3F1 MICE FEMALE	10 W/kg	DAY ON TEST																* TOTALS
			0 0 9 2	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 5	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2		
		ANIMAL ID	0 1 3 6 7	0 1 3 4 7	0 1 3 4 8	0 1 2 0	0 2 2 3	0 4 4	0 4 4	0 4 4	0 4 4	0 5 6	0 5 6	0 6 6	0 6 6	0 7 9		
Peripheral Nerve, Sciatic			+	+	+		+	+	+	+	+	+	+	+	+	+	10	
Spinal Cord			+	+	+		+	+	+	+	+	+	+	+	+	+	10	
RESPIRATORY SYSTEM																		
Lung			+	+	+		+	+	+	+	+	+	+	+	+	+	10	
Nose			+	+	+		+	+	+	+	+	+	+	+	+	+	10	
Trachea			+	+	+		+	+	+	+	+	+	+	+	+	+	10	
SPECIAL SENSES SYSTEM																		
Eye			+	+	+		+	+	+	+	+	+	+	+	+	+	10	
Harderian Gland			+	+	+		+	+	+	+	+	+	+	+	+	+	10	
URINARY SYSTEM																		
Kidney			+	+	+		+	+	+	+	+	+	+	+	+	+	10	
Interstitial, Infiltration Cellular, Lymphocyte			1	1			1	2		1							5 1.2	
Urinary Bladder			+	+	+		+	+	+	+	+	+	+	+	+	+	10	
Infiltration Cellular, Lymphocyte			1				1										2 1.0	

*** END OF REPORT ***

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