

Experiment Number: 20105 - 75

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Date Report Requested: 08/29/2017

Test Type: CHRONIC

Cell Phone Radiation: CDMA

Time Report Requested: 13:01:40

Route: Whole Body Exposure

CAS Number: CELLPRADCDMA

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

Species/Strain: MICE/B6C3F1

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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Species/Strain: MICE/B6C3F1

Lab: IIT

B6C3F1 MICE MALE

0 W/kg

2.5 W/kg

5 W/kg

10 W/kg

Disposition Summary

Animals Initially In Study	105	106	105	105
Scheduled Sacrifice	15	15	15	15
Early Deaths				
Survivors				
Animals Examined Microscopically	10	10	10	10

ALIMENTARY SYSTEM

Esophagus	(10)	(10)	(10)	(10)
Gallbladder	(8)	(9)	(9)	(7)
Intestine Large, Cecum	(10)	(10)	(10)	(10)
Intestine Large, Colon	(10)	(10)	(10)	(10)
Intestine Large, Rectum	(10)	(10)	(10)	(10)
Intestine Small, Duodenum	(10)	(10)	(10)	(10)
Intestine Small, Ileum	(10)	(10)	(10)	(10)
Intestine Small, Jejunum	(10)	(10)	(10)	(10)
Liver	(10)	(10)	(10)	(10)
Pancreas	(10)	(10)	(10)	(10)
Salivary Glands	(10)	(10)	(10)	(10)
Stomach, Forestomach	(10)	(10)	(10)	(10)
Stomach, Glandular	(10)	(10)	(10)	(10)

CARDIOVASCULAR SYSTEM

Aorta	(10)	(10)	(10)	(10)
Blood Vessel	(1)	(0)	(0)	(1)
Heart	(10)	(10)	(10)	(10)

ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(10)	(10)	(10)
Adrenal Medulla	(10)	(10)	(10)	(10)
Islets, Pancreatic	(10)	(10)	(10)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

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Species/Strain: MICE/B6C3F1

Lab: IIT

B6C3F1 MICE MALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Parathyroid Gland	(2)	(3)	(2)	(5)
Pituitary Gland	(9)	(9)	(9)	(10)
Thyroid Gland	(10)	(9)	(10)	(10)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Coagulating Gland	(0)	(0)	(0)	(1)
Epididymis	(10)	(10)	(10)	(10)
Preputial Gland	(10)	(9)	(10)	(10)
Prostate	(10)	(10)	(10)	(10)
Seminal Vesicle	(10)	(10)	(10)	(10)
Testis	(10)	(10)	(10)	(10)

HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(10)	(10)	(10)
Lymph Node, Mandibular	(5)	(8)	(9)	(10)
Lymph Node, Mesenteric	(10)	(10)	(9)	(10)
Spleen	(10)	(10)	(9)	(10)
Thymus	(10)	(10)	(10)	(10)

INTEGUMENTARY SYSTEM

Mammary Gland	(1)	(0)	(0)	(0)
Skin	(10)	(10)	(10)	(10)

MUSCULOSKELETAL SYSTEM

Bone	(10)	(10)	(10)	(10)
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Species/Strain: MICE/B6C3F1

Lab: IIT

B6C3F1 MICE MALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skeletal Muscle	(10)	(10)	(10)	(10)
NERVOUS SYSTEM				
Brain	(10)	(10)	(10)	(10)
Brain Trigeminal Ganglion	(9)	(10)	(10)	(10)
Nerve Trigeminal	(8)	(8)	(10)	(8)
Peripheral Nerve, Sciatic	(10)	(10)	(10)	(10)
Spinal Cord	(10)	(10)	(10)	(10)
RESPIRATORY SYSTEM				
Lung	(10)	(10)	(10)	(10)
Nose	(10)	(10)	(10)	(10)
Trachea	(10)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM				
Eye	(10)	(10)	(10)	(10)
Harderian Gland	(10)	(10)	(10)	(10)
URINARY SYSTEM				
Kidney	(10)	(10)	(10)	(10)
Urinary Bladder	(10)	(10)	(10)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

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P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

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Species/Strain: MICE/B6C3F1

Lab: IIT

B6C3F1 MICE MALE

0 W/kg

2.5 W/kg

5 W/kg

10 W/kg

Tumor Summary for Males

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms

Uncertain Primary Site

Total Animals with Neoplasms Uncertain-
Benign or Malignant

Total Uncertain Neoplasms

*** END OF MALE ***

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

Test Type: CHRONIC

Cell Phone Radiation: CDMA

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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

0 W/kg

2.5 W/kg

5 W/kg

10 W/kg

Disposition Summary

Animals Initially In Study	105	104	105	105
Scheduled Sacrifice	15	15	15	15
Early Deaths				
Survivors				
Animals Examined Microscopically	10	10	10	10

ALIMENTARY SYSTEM

Esophagus	(10)	(10)	(10)	(10)
Gallbladder	(9)	(10)	(10)	(10)
Intestine Large, Cecum	(10)	(10)	(10)	(10)
Intestine Large, Colon	(10)	(10)	(10)	(10)
Intestine Large, Rectum	(10)	(10)	(10)	(10)
Intestine Small, Duodenum	(10)	(10)	(10)	(10)
Intestine Small, Ileum	(10)	(10)	(10)	(10)
Intestine Small, Jejunum	(10)	(10)	(10)	(10)
Liver	(10)	(10)	(10)	(10)
Pancreas	(10)	(10)	(10)	(10)
Salivary Glands	(10)	(9)	(10)	(10)
Stomach, Forestomach	(10)	(10)	(10)	(10)
Stomach, Glandular	(10)	(10)	(10)	(10)

CARDIOVASCULAR SYSTEM

Aorta	(10)	(10)	(10)	(10)
Heart	(10)	(10)	(10)	(10)

ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(10)	(10)	(10)
Adrenal Medulla	(10)	(10)	(10)	(10)
Islets, Pancreatic	(10)	(10)	(10)	(10)
Parathyroid Gland	(7)	(3)	(5)	(3)

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B6C3F1 MICE FEMALE

0 W/kg

2.5 W/kg

5 W/kg

10 W/kg

Pituitary Gland

(9)

(10)

(10)

(10)

Thyroid Gland

(10)

(10)

(10)

(10)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Clitoral Gland

(6)

(7)

(5)

(6)

Ovary

(10)

(10)

(10)

(10)

Uterus

(10)

(10)

(10)

(10)

HEMATOPOIETIC SYSTEM

Bone Marrow

(10)

(10)

(10)

(10)

Lymph Node, Mandibular

(8)

(8)

(9)

(10)

Lymph Node, Mesenteric

(10)

(10)

(10)

(9)

Spleen

(10)

(10)

(10)

(10)

Thymus

(10)

(10)

(10)

(10)

INTEGUMENTARY SYSTEM

Mammary Gland

(10)

(10)

(10)

(10)

Skin

(10)

(10)

(10)

(10)

MUSCULOSKELETAL SYSTEM

Bone

(10)

(10)

(10)

(10)

Skeletal Muscle

(10)

(10)

(10)

(10)

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NERVOUS SYSTEM				
Brain	(10)	(10)	(10)	(10)
Brain Trigeminal Ganglion	(10)	(7)	(9)	(9)
Nerve Trigeminal	(9)	(7)	(9)	(9)
Peripheral Nerve	(1)	(0)	(0)	(0)
Peripheral Nerve, Sciatic	(10)	(10)	(10)	(10)
Spinal Cord	(10)	(10)	(10)	(10)
RESPIRATORY SYSTEM				
Larynx	(0)	(0)	(1)	(0)
Lung	(10)	(10)	(10)	(10)
Nose	(10)	(10)	(10)	(10)
Trachea	(10)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM				
Eye	(10)	(10)	(10)	(10)
Harderian Gland	(10)	(10)	(10)	(10)
URINARY SYSTEM				
Kidney	(10)	(10)	(10)	(10)
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B6C3F1 MICE FEMALE

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2.5 W/kg

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10 W/kg

Tumor Summary for Females

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms

Uncertain Primary Site

Total Animals with Neoplasms Uncertain-

Benign or Malignant

Total Uncertain Neoplasms

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors