

**Experiment Number:** 20105 - 12  
**Test Type:** 28-DAY  
**Route:** Whole Body Exposure  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA  
**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017  
**Time Report Requested:** 11:06:17  
**First Dose M/F:** 09/06/10 / 09/06/10  
**Lab:** IIT

**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:** 07/27/2016

Revised Final\_Mice (CDMA)

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

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**ANIMAL ID:** 1

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 0 W/kg

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-1---

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Nose                   | * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           |
| * Preputial Gland        | * Prostate                 | * Salivary Glands         | * Seminal Vesicle           |
| * Skin                   | * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Testes                 | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        |                            |                           |                             |
- 

**MISSING**

- \* Mammary Gland
-

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 2

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 0 W/kg

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-2---

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skin                      |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |         |              |                |
|---------|--------------|----------------|
| * Liver | Inflammation | Focal, Minimal |
|         | Necrosis     | Minimal        |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 3

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 0 W/kg

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-3-----

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skin                      |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |         |              |                |
|---------|--------------|----------------|
| * Liver | Inflammation | Focal, Minimal |
|---------|--------------|----------------|

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 4

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 0 W/kg

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-4-

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Blood Vessel            | * Bone                      | * Bone Marrow            |
| * Brain                    | * Epididymis              | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      | * Pancreas               |
| * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    | * Thymus                 |
| * Thyroid Gland            | * Trachea                 |                             |                          |

**MISSING**

- |                   |                 |
|-------------------|-----------------|
| * Adrenal Medulla | * Mammary Gland |
|-------------------|-----------------|

**OBSERVATIONS**

- |                   |                       |                     |
|-------------------|-----------------------|---------------------|
| * Liver           | Inflammation          | Focal, Minimal      |
| * Urinary Bladder | Infiltration Cellular | Lymphocyte, Minimal |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 29

DOSE: 0 W/kg

DISP: Terminal Sacrifice

HISTO: 10-5120-5----

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * Bone                      | * Bone Marrow            |
| * Brain                    | * Epididymis              | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      | * Pancreas               |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testes                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                     |     |                                   |                |
|---------------------|-----|-----------------------------------|----------------|
| * Adrenal Cortex    | Fat | Accessory Adrenal Cortical Nodule |                |
|                     |     | Accessory Adrenal Cortical Nodule |                |
| * Liver             |     | Inflammation                      | Focal, Minimal |
| * Parathyroid Gland |     | Ectopic Thymus                    |                |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 6

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 0 W/kg

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-6---

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skin                      |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 |                             |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                   |                       |                     |
|-------------------|-----------------------|---------------------|
| * Liver           | Inflammation          | Focal, Minimal      |
| * Urinary Bladder | Infiltration Cellular | Lymphocyte, Minimal |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 30

DOSE: 0 W/kg

DISP: Terminal Sacrifice

HISTO: 10-5120-7---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Prostate                  |
| * Salivary Glands        | * Seminal Vesicle          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Testes                  | * Thymus                    |
| * Thyroid Gland          | * Trachea                  | * Urinary Bladder         |                             |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                   |              |                         |
|-------------------|--------------|-------------------------|
| * Liver           | Inflammation | Focal, Minimal          |
| * Preputial Gland | Inflammation | Chronic Active, Minimal |



Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 30

DOSE: 0 W/kg

DISP: Terminal Sacrifice

HISTO: 10-5120-8---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * Bone                      | * Bone Marrow            |
| * Brain                    | * Epididymis              | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      | * Pancreas               |
| * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    | * Thymus                 |
| * Thyroid Gland            | * Trachea                 |                             |                          |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                   |                                   |                     |
|-------------------|-----------------------------------|---------------------|
| * Adrenal Cortex  | Accessory Adrenal Cortical Nodule |                     |
| * Liver           | Inflammation                      | Focal, Minimal      |
| * Urinary Bladder | Infiltration Cellular             | Mixed Cell, Minimal |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 9

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 0 W/kg

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-9--

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skin                      |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |         |              |                |
|---------|--------------|----------------|
| * Liver | Inflammation | Focal, Minimal |
|---------|--------------|----------------|

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 0 W/kg

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-10---

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      | * Pancreas               |
| * Parathyroid Gland        | * Pituitary Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                   |                      |                      |                         |
|-------------------|----------------------|----------------------|-------------------------|
| * Epididymis      | Duct                 | Exfoliated Germ Cell | Minimal                 |
| * Liver           |                      | Inflammation         | Focal, Minimal          |
| * Preputial Gland |                      | Inflammation         | Chronic Active, Minimal |
| * Testes          | Bilateral, Germ Cell | Degeneration         | Minimal                 |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 241

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-241

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

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Animal Note: added for pathology review in PQA module 04-04-2016

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**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 242

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-242

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 243

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-243

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 244

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-244

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 245

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-245

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---



**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 246

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-246

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 247

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-247

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 248

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-248

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 249

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-249

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 250

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-250

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 301

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-301

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 302

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-302

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 303

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-303

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---



**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 304

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-304

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 305

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-305

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 306

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-306

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 307

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-307

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 308

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-308

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 309

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-309

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 310

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-310

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 361

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 15 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-361-

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pituitary Gland        | * Preputial Gland          | * Prostate                | * Salivary Glands           |
| * Seminal Vesicle        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Testes                   | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          |                           |                             |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                     |                |                |
|---------------------|----------------|----------------|
| * Liver             | Inflammation   | Focal, Minimal |
| * Pancreas          | Necrosis       | Minimal        |
| * Parathyroid Gland | Ectopic Thymus |                |



Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 362

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 15 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-362

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skin                      |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |         |              |                |
|---------|--------------|----------------|
| * Liver | Inflammation | Focal, Minimal |
|---------|--------------|----------------|

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 363

TRT#: 7

SEX: Male

DAY ON TEST: 29

DOSE: 15 W/kg 1900MHz

DISP: Terminal Sacrifice

HISTO: 10-5120-363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * Bone                      | * Bone Marrow            |
| * Brain                    | * Epididymis              | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  | * Parathyroid Gland      |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testes                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  |                           |                             |                          |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |   |                |                                   |                     |
|---|----------------|-----------------------------------|---------------------|
| * Adrenal Cortex                                    | Bilateral, Fat | Accessory Adrenal Cortical Nodule |                     |
| * Kidney  |                | Inflammation                      | Chronic, Minimal    |
| * Liver   |                | Inflammation                      | Focal, Minimal      |
| * Pituitary Gland                                   |                |                                   |                     |
| Note: Only pars distalis available for examination. |                |                                   |                     |
| * Urinary Bladder                                   |                | Infiltration Cellular             | Lymphocyte, Minimal |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 364

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 15 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-364

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skin                      |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |         |              |                |
|---------|--------------|----------------|
| * Liver | Inflammation | Focal, Minimal |
|---------|--------------|----------------|

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 365

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 29

**DOSE:** 15 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-365

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      | * Pancreas               |
| * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |                          |

**MISSING**

- |               |                 |
|---------------|-----------------|
| * Gallbladder | * Mammary Gland |
|---------------|-----------------|

**OBSERVATIONS**

- \* Brain  
 Note: Two brains were found in the wet tissues for this animal (365) and slides labeled 1a,b and 2a,b. All were normal tissues and thus 365 was entered as normal.
- |         |              |                |
|---------|--------------|----------------|
| * Liver | Inflammation | Focal, Minimal |
|---------|--------------|----------------|

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 366

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 15 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-366

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Prostate                  |
| * Salivary Glands        | * Seminal Vesicle          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Testes                  | * Thymus                    |
| * Thyroid Gland          | * Trachea                  | * Urinary Bladder         |                             |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                   |              |                         |
|-------------------|--------------|-------------------------|
| * Liver           | Inflammation | Focal, Minimal          |
| * Preputial Gland | Inflammation | Chronic Active, Minimal |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 367

TRT#: 7

SEX: Male

DAY ON TEST: 30

DOSE: 15 W/kg 1900MHz

DISP: Terminal Sacrifice

HISTO: 10-5120-367

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           |
| * Preputial Gland        | * Prostate                 | * Salivary Glands         | * Seminal Vesicle           |
| * Skin                   | * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Testes                 | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        |                            |                           |                             |

**OBSERVATIONS**

- |         |              |                |
|---------|--------------|----------------|
| * Liver | Inflammation | Focal, Minimal |
|---------|--------------|----------------|

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 368

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 15 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-368

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skin                      |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 |                             |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                   |                       |                     |
|-------------------|-----------------------|---------------------|
| * Liver           | Inflammation          | Focal, Minimal      |
| * Urinary Bladder | Infiltration Cellular | Lymphocyte, Minimal |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 369

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 15 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 105120-369

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skin                      |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                   |              |                |
|-------------------|--------------|----------------|
| * Liver           | Inflammation | Focal, Minimal |
| * Pituitary Gland |              |                |

Note: Only pars distalis was available for examination.



Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 370

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 30

**DOSE:** 15 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 105120-370

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * Bone                      | * Bone Marrow            |
| * Brain                    | * Epididymis              | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Nose                   |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Preputial Gland        |
| * Prostate                 | * Salivary Glands         | * Seminal Vesicle           | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Testes                 |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- \* Adrenal Cortex Accessory Adrenal Cortical Nodule

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 31

TRT#: 2

SEX: Female

DAY ON TEST: 29

DOSE: 0 W/kg

DISP: Terminal Sacrifice

HISTO: 10-5120-31--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Clitoral Gland          | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | Oviduct                   | * Pancreas                  | * Parathyroid Gland      |
| * Pituitary Gland          | * Salivary Glands         | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         | * Uterus                    |                          |

MISSING

- \* Brain

OBSERVATIONS

- |          |              |                |
|----------|--------------|----------------|
| * Liver  | Inflammation | Focal, Minimal |
| * Spleen |              |                |

Note: Spleen- Pale Focus ( Found at trim ) NCL-1

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 32

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 0 W/kg

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-32

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

**OBSERVATIONS**

- |              |              |                |
|--------------|--------------|----------------|
| * Liver      | Inflammation | Focal, Minimal |
| * Stom Gland |              |                |

Note: Artifact present

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 33

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 0 W/kg

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-33--

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Uterus                   |                           |                             |

**OBSERVATIONS**

- |                   |                       |                     |
|-------------------|-----------------------|---------------------|
| * Liver           | Inflammation          | Focal, Minimal      |
| * Urinary Bladder | Infiltration Cellular | Lymphocyte, Minimal |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 34

TRT#: 2

SEX: Female

DAY ON TEST: 29

DOSE: 0 W/kg

DISP: Terminal Sacrifice

HISTO: 10-5120-34

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

**OBSERVATIONS**

* Liver	Inflammation	Focal, Minimal
* Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 35

TRT#: 2

SEX: Female

DAY ON TEST: 29

DOSE: 0 W/kg

DISP: Terminal Sacrifice

HISTO: 10-5120-35-

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Gallbladder             | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Salivary Glands          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          | * Uterus                  |                             |                          |

OBSERVATIONS

- |                   |              |                         |
|-------------------|--------------|-------------------------|
| * Harderian Gland | Inflammation | Chronic Active, Minimal |
| * Liver           | Inflammation | Focal, Minimal          |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 36

TRT#: 2

SEX: Female

DAY ON TEST: 30

DOSE: 0 W/kg

DISP: Terminal Sacrifice

HISTO: 10-5120-36-

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Uterus                   |                           |                             |

OBSERVATIONS

- |                   |                       |                     |
|-------------------|-----------------------|---------------------|
| * Liver           | Inflammation          | Focal, Minimal      |
| * Urinary Bladder | Infiltration Cellular | Lymphocyte, Minimal |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 37

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 30

**DOSE:** 0 W/kg

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-37-

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

**OBSERVATIONS**

- |         |              |                |
|---------|--------------|----------------|
| * Liver | Inflammation | Focal, Minimal |
|---------|--------------|----------------|



Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 38

TRT#: 2

SEX: Female

DAY ON TEST: 30

DOSE: 0 W/kg

DISP: Terminal Sacrifice

HISTO: 10-5120-38

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        | * Uterus                   |                           |                             |

OBSERVATIONS

- |                      |        |              |                |
|----------------------|--------|--------------|----------------|
| * Liver              |        | Inflammation | Focal, Minimal |
| * Stomach, Glandular | Glands | Cyst         | Multiple       |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 39

TRT#: 2

SEX: Female

DAY ON TEST: 30

DOSE: 0 W/kg

DISP: Terminal Sacrifice

HISTO: 10-5120-39-

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

OBSERVATIONS

- |         |              |                |
|---------|--------------|----------------|
| * Liver | Inflammation | Focal, Minimal |
|---------|--------------|----------------|

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 40

TRT#: 2

SEX: Female

DAY ON TEST: 30

DOSE: 0 W/kg

DISP: Terminal Sacrifice

HISTO: 10-5120-40-

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

OBSERVATIONS

- |         |              |                |
|---------|--------------|----------------|
| * Liver | Inflammation | Focal, Minimal |
|---------|--------------|----------------|

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 271

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-271

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

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**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 272

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-272

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 273

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-273

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 274

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-274

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 275

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-275

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---



**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 276

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 30

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-276

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 277

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 30

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-277

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

---

**ANIMAL ID:** 278

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 30

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-278

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

**OBSERVATIONS**

Spleen

Pigmentation

Minimal

[ Pigmentation TGLs = TGLS=1-1 ]

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 279

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 30

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-279

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 280

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 30

**DOSE:** 5 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-280

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 331

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-331

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 332

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-332

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 333

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-333

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---



**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 334

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-334

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 335

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-335

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 336

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 30

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-336

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 337

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 30

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-337

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 338

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 30

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-338

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 339

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 30

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-339

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

**Experiment Number:** 20105 - 12

**Test Type:** 28-DAY

**Route:** Whole Body Exposure

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 08/17/2017

**Time Report Requested:** 11:06:17

**First Dose M/F:** 09/06/10 / 09/06/10

**Lab:** IIT

---

**ANIMAL ID:** 340

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 30

**DOSE:** 10 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-340

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Brain

Heart

Kidney

---

Animal Note: added for pathology review in PQA module 04-04-2016

---

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 391

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 15 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-391

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Salivary Glands          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Uterus                   |                           |                             |                          |

**OBSERVATIONS**

- |                   |                       |                     |
|-------------------|-----------------------|---------------------|
| * Clitoral Gland  | Inflammation          | Acute, Minimal      |
| * Liver           | Inflammation          | Focal, Minimal      |
| * Urinary Bladder | Infiltration Cellular | Lymphocyte, Minimal |



Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 392

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 15 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-392

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

**OBSERVATIONS**

- |         |              |                |
|---------|--------------|----------------|
| * Liver | Inflammation | Focal, Minimal |
|---------|--------------|----------------|

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 29

DOSE: 15 W/kg 1900MHz

DISP: Terminal Sacrifice

HISTO: 10-5120-393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Ovary                    | * Pancreas                | * Pituitary Gland           |
| * Salivary Glands        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        | * Uterus                   |                           |                             |

OBSERVATIONS

- |                     |                |                |
|---------------------|----------------|----------------|
| * Liver             | Inflammation   | Focal, Minimal |
| * Parathyroid Gland | Ectopic Thymus |                |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 394

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 29

**DOSE:** 15 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-394

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * Bone                      | * Bone Marrow            |
| * Brain                    | * Clitoral Gland          | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

**MISSING**

- \* Lymph Node, Mandibular

**OBSERVATIONS**

- |                  |     |                                   |                |
|------------------|-----|-----------------------------------|----------------|
| * Adrenal Cortex | Fat | Accessory Adrenal Cortical Nodule |                |
| * Liver          |     | Inflammation                      | Focal, Minimal |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 29

DOSE: 15 W/kg 1900MHz

DISP: Terminal Sacrifice

HISTO: 10-5120-395

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      |
| * Ovary                  | * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           |
| * Salivary Glands        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        | * Uterus                   |                           |                             |

**MISSING**

- \* Lymph Node, Mandibular

**OBSERVATIONS**

- \* Eye  
Note: One of pair missing at trim.
- \* Liver  
Inflammation  
Focal, Minimal
- \* Pituitary GI  
Note: Only pars distalis available for evaluation.

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 396

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 30

**DOSE:** 15 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-396

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Blood Vessel           | * Bone                     |
| * Bone Marrow             | * Brain                     | * Esophagus              | * Eye                      |
| * Harderian Gland         | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Lung                   | * Lymph Node, Mesenteric   |
| * Mammary Gland           | * Nose                      | * Ovary                  | * Pancreas                 |
| * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        | * Skin                     |
| * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     | * Thymus                   |
| * Thyroid Gland           | * Trachea                   | * Urinary Bladder        | * Uterus                   |

**MISSING**

- |                  |               |                          |
|------------------|---------------|--------------------------|
| * Clitoral Gland | * Gallbladder | * Lymph Node, Mandibular |
|------------------|---------------|--------------------------|

**OBSERVATIONS**

- |         |              |                |
|---------|--------------|----------------|
| * Liver | Inflammation | Focal, Minimal |
|---------|--------------|----------------|

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

**ANIMAL ID:** 397

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 30

**DOSE:** 15 W/kg 1900MHz

**DISP:** Terminal Sacrifice

**HISTO:** 10-5120-397

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      |
| * Ovary                  | * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           |
| * Salivary Glands        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Uterus                 |                            |                           |                             |

**OBSERVATIONS**

- |                          |                       |                     |
|--------------------------|-----------------------|---------------------|
| * Liver                  | Inflammation          | Focal, Minimal      |
| * Lymph Node, Mandibular | Erythrophagocytosis   | Minimal             |
| * Urinary Bladder        | Infiltration Cellular | Lymphocyte, Minimal |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 30

DOSE: 15 W/kg 1900MHz

DISP: Terminal Sacrifice

HISTO: 10-5120-398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      |
| * Ovary                  | * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           |
| * Salivary Glands        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thymus                   | * Trachea                 | * Uterus                    |

MISSING

- \* Lymph Node, Mandibular

OBSERVATIONS

- |                   |                       |                     |
|-------------------|-----------------------|---------------------|
| * Liver           | Inflammation          | Focal, Minimal      |
| * Thyroid Gland   | Inflammation          | Chronic, Minimal    |
| * Urinary Bladder | Infiltration Cellular | Lymphocyte, Minimal |

Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 399

TRT#: 8

SEX: Female

DAY ON TEST: 30

DOSE: 15 W/kg 1900MHz

DISP: Terminal Sacrifice

HISTO: 10-5120-399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        | * Uterus                   |                           |                             |

OBSERVATIONS

- |                      |        |              |                |
|----------------------|--------|--------------|----------------|
| * Liver              |        | Inflammation | Focal, Minimal |
| * Stomach, Glandular | Glands | Cyst         |                |



Experiment Number: 20105 - 12

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 08/17/2017

Time Report Requested: 11:06:17

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 30

DOSE: 15 W/kg 1900MHz

DISP: Terminal Sacrifice

HISTO: 10-5120-400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thyroid Gland           | * Trachea                   |
| * Uterus                 |                            |                           |                             |

OBSERVATIONS

- |                   |                       |                     |
|-------------------|-----------------------|---------------------|
| * Liver           | Inflammation          | Focal, Minimal      |
| * Thymus          | Hemorrhage            | Minimal             |
| * Urinary Bladder | Infiltration Cellular | Lymphocyte, Minimal |

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