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<td>Route:</td>
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<td>Species/Strain:</td>
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<td>P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL</td>
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<td>Test Compound:</td>
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<td>Date Report Requested:</td>
<td>10/23/2014</td>
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| C Number:         | C89002C |
| Lock Date:        | 08/21/1997 |
| Cage Range:       | All |
| Date Range:       | All |
| Reasons For Removal: | All |
| Removal Date Range: | All |
| Treatment Groups: | All |
| Study Gender:     | Female |
| PWG Approval Date | NONE |
**Experiment Number:** 89002-04  
**Test Type:** 26-WEEK  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/TG.AC HEMI  

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Transgenic LECM (Pentachlorophenol)  
**CAS Number:** 87-86-5  
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**First Dose M/F:** NA / NA  
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**Alimentary System**

- **Liver**
  - Hematopoietic Cell Proliferation, Focal + + + + + + + + + + + + + + + + + 13
  - Infiltration Cellular, Mononuclear Cl 1
  - Infiltration Cellular, Mononuclear Cl, Focal 1 1.0
  - Midzonal, Hypertrophy 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 1 1 13 1.3
  - Necrosis, Focal 2 1 2 1.5
  - Salivary Glands + + + + + + + + + + + + + + + + + 13
  - Submandib Gl, Atrophy, Diffuse 2 1 2.0
  - Submandib Gl, Infiltration Cellular, Lymphocyte, Focal 1 1.0

- **Stomach, Forestomach**
  - Stomach, Glandular + + + + + + + + + + + + + + + + + 13

- **Tongue**
  - + 1

**Cardiovascular System**

- **NONE**

**Endocrine System**

- **Adrenal Cortex**
  - Capsule, Hyperplasia + + + + + + + + + + + + + + + + + 13
  - Capsule, Hyperplasia, Focal 1 1 1 1 1 1 1 1 1 1 7 1.0
  - Zona Reticul, Degeneration, Fatty 1 1 1 2 2 2 2 1 2 2 1 2 13 1.6

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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ ..Tissue examined microscopically  
M ..Missing tissue  
1-4 ..Lesion qualified as:  
1) Minimal  2) Mild  3) Moderate  4) Marked  
A ..Autolysis precludes evaluation  
I ..Insufficient tissue  
BLANK ..Not examined microscopically
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**General Body System**

**NONE**

**Genital System**

- **Clitoral Gland**: + 1
- **Duct, Cyst, Focal**: 2 1 2.0
- **Ovary**: + 1
- **Cyst, Focal**: 2 1 2.0

**Hematopoietic System**

- **Lymph Node, Mandibular**: + M + + + + + + + + + + + 12
- **Spleen**: + + + + + + + + + + + + 13
- **Thymus**: M + + + + + + + + + + + 12

**Integumentary System**

- **Mammary Gland**: + + + + + + + + + + + + + 13
- **Skin**: + + + + + + + + + + + + 13
- **Subcut Tiss, Vulva, Infiltration Cellular, Lipocyte, Focal**: 2 1 2.0

**Musculoskeletal System**

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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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M ..Missing tissue
1-4 ..Lesion qualified as:
X ..Lesion present
A ..Autolysis precludes evaluation
1) Minimal
3) Moderate
I ..Insufficient tissue
BLANK ..Not examined microscopically
2) Mild
4) Marked
## Experiment Number
89002-04

## Test Type
26-WEEK

## Route
SKIN APPLICATION

## Species/Strain
Mouse/TG.AC HEMI

## Test Compound
Transgenic LECM (Pentachlorophenol)

## CAS Number
87-86-5

## Date Report Requested
10/23/2014

## Time Report Requested
10:08:50

## First Dose M/F
NA / NA

## Lab
ILS

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### TG.AC HEMI Mouse Female

#### ANIMAL ID

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### Nervous System

NONE

### Respiratory System

NONE

#### Lung

- Alveolus, Infiltration Cellular, Histiocyte, Focal: 1, 1.0

#### Special Senses System

NONE

### Urinary System

#### Kidney

- Casts Protein: 1, 1.0
- Casts Protein, Focal: 1, 1.0
- Infiltration Cellular, Lymphocyte: 1, 1.0
- Infiltration Cellular, Lymphocyte, Focal: 1, 1, 1, 1, 1, 6, 1.0
- Renal Tubule, Degeneration, Focal: 1, 2, 2, 1.5
- Renal Tubule, Dilatation, Focal: 1, 1, 2, 1.0
- Renal Tubule, Regeneration: 1, 1, 1.0
- Renal Tubule, Regeneration, Focal: 1, 1, 3, 1.0

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**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

**Test Compound:** Transgenic LECM (Pentachlorophenol)  
**CAS Number:** 87-86-5

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**DAY ON TEST**

**TG.AC HEMI Mouse Female**  
**1.25 UG TPA**

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- **Alimentary System**
  - NONE

- **Cardiovascular System**
  - NONE

- **Endocrine System**
  - NONE

- **General Body System**
  - NONE

- **Genital System**
  - NONE

- **Hematopoietic System**
  - NONE

- **Integumentary System**
  - NONE

- **Musculoskeletal System**
  - NONE

- **Nervous System**
  - NONE

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**DAG ON TEST**

**TG.AC HEMI Mouse Female**  
1.25 UG TPA

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**Respiratory System**  
NONE

---

**Special Senses System**  
NONE

---

**Urinary System**  
NONE

---

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Test Compound: Transgenic LECM (Pentachlorophenol)
CAS Number: 87-86-5

Date Report Requested: 10/23/2014
Time Report Requested: 10:08:50
First Dose M/F: NA / NA
Lab: ILS

DAN ON TEST

TG.AC HEMI Mouse Female
0.75 MG

ANIMAL ID

*TOTALS

Alimentary System
NONE
Cardiovascular System
NONE
Endocrine System
NONE
General Body System
NONE
Genital System
NONE
Hematopoietic System
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Integumentary System
NONE
Musculoskeletal System
NONE
Nervous System
NONE

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**Experiment Number:** 89002-04  
**Test Type:** 26-WEEK  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/TG.AC HEMI

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**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

- **Test Compound:** Transgenic LECM (Pentachlorophenol)  
- **CAS Number:** 87-86-5

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**DATE REPORT REQUESTED:** 10/23/2014  
**TIME REPORT REQUESTED:** 10:08:50  
**FIRST DOSE M/F:** NA / NA  
**LAB:** ILS

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**DAY ON TEST**

**TG.AC HEMI Mouse Female**  
**0.75 MG**

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**Respiratory System**

- NONE

**Special Senses System**

- NONE

**Urinary System**

- NONE

---

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+ .. Tissue examined microscopically  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
I .. Insufficient tissue  
B .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal  2) Mild  3) Moderate  4) Marked

---

Page 8
DAYS ON TEST

**TG.AC HEMI Mouse Female**

**1.5 MG**

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**Experiment Number:** 89002-04  
**Test Type:** 26-WEEK  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/TG.AC HEMI  
**Test Compound:** Transgenic LECM (Pentachlorophenol)  
**CAS Number:** 87-86-5  
**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:08:50  
**First Dose M/F:** NA / NA  
**Lab:** ILS
Experiment Number: 89002-04
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

**Test Compound:** Transgenic LECM (Pentachlorophenol)
**CAS Number:** 87-86-5

**Date Report Requested:** 10/23/2014
**Time Report Requested:** 10:08:50
**First Dose M/F:** NA / NA
**Lab:** ILS

---

**DAY ON TEST**

**TG.AC HEMI Mouse Female**

**1.5 MG**

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<th>*TOTALS</th>
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**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
X ..Lesion present
A ..Autolysis precludes evaluation
I ..Insufficient tissue
BLANK ..Not examined microscopically
1-4 ..Lesion qualified as:
1) Minimal
2) Mild
3) Moderate
4) Marked

---

Page 10
### Experiment Number: 89002-04
- **Type:** 26-WEEK
- **Route:** SKIN APPLICATION
- **Species/Strain:** Mouse/TG.AC HEMI

#### Test Compound:
**Transgenic LECM (Pentachlorophenol)**

#### CAS Number:
87-86-5

#### Date Report Requested:
10/23/2014

#### First Dose M/F:
NA / NA

#### Lab:
ILS

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## Alimentary System

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### Cardiovascular System

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*..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+..Tissue examined microscopically
M..Missing tissue
1-4..Lesion qualified as:
1) Minimal
2) Mild
3) Moderate
4) Marked

---

**Page 11**
### Experiment Number: 89002-04
**Test Type:** 26-WEEK
**Route:** SKIN APPLICATION
**Species/Strain:** Mouse/TG.AC HEMI

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
**Test Compound:** Transgenic LECM (Pentachlorophenol)
**CAS Number:** 87-86-5
**Date Report Requested:** 10/23/2014
**Time Report Requested:** 10:08:50
**First Dose M/F:** NA / NA
**Lab:** ILS

#### Endocrine System

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#### General Body System

**NONE**

#### Genital System

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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
X ..Lesion present
A ..Autolysis precludes evaluation
I ..Insufficient tissue
BLANK ..Not examined microscopically
1-4 ..Lesion qualified as:
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### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

**Test Compound:** Transgenic LECM (Pentachlorophenol)  
**CAS Number:** 87-86-5

**Species/Strain:** Mouse/TG.AC HEMI  
**Route:** SKIN APPLICATION

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- Iliac, Hyperplasia, Plasma Cell, Diffuse: 3
- Inguinal, Hyperplasia, Lymphoid, Diffuse: 3
- Inguinal, Hyperplasia, Plasma Cell, Diffuse: 3
- Renal, Hyperplasia, Lymphoid, Diffuse: 3
- Renal, Hyperplasia, Plasma Cell, Diffuse: 3
- Lymph Node, Mandibular: + + + + + + + + + 9
- Hyperplasia, Plasma Cell: 3
- Lymph Node, Mesenteric: +
- Hyperplasia, Lymphoid, Diffuse: 4
- Hyperplasia, Plasma Cell, Diffuse: 3
- Spleen: + + + + + + + + + 9
- Hematopoietic Cell Proliferation: 2
- Hematopoietic Cell Proliferation, Diffuse: 4 3 2 3
- Hyperplasia, Plasma Cell: 3
- Thymus: M + + + + + + + + 8
- Infiltration Cellular, Mixed Cell, Diffuse: 4

#### Integumentary System

- Mammary Gland: + + + + + + + + + 9
- Skin: + + + + + + + + + 9

#### Musculoskeletal System

- None

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M ..Missing tissue
X ..Lesion present
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I ..Insufficient tissue
BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
1) Minimal  2) Mild  3) Moderate  4) Marked
**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

**Test Compound:** Transgenic LECM (Pentachlorophenol)  
**CAS Number:** 87-86-5

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*TOTALS*

**Nervous System**

NONE

**Respiratory System**

Lung  
- Alveolus, Proteinosis  
  - Tissue examined microscopically  
  - Lesion qualified as:  
    - 1) Minimal  
    - 2) Mild  
    - 3) Moderate  
    - 4) Marked

- Infiltration Cellular, Mixed Cell, Diffuse  
  - Tissue examined microscopically  
  - Lesion qualified as:  
    - 1) Minimal  
    - 2) Mild  
    - 3) Moderate  
    - 4) Marked

**Special Senses System**

NONE

**Urinary System**

Kidney  
- Casts Protein, Focal  
  - Tissue examined microscopically  
  - Lesion qualified as:  
    - 1) Minimal  
    - 2) Mild  
    - 3) Moderate  
    - 4) Marked

- Infiltration Cellular, Lymphocyte  
  - Tissue examined microscopically  
  - Lesion qualified as:  
    - 1) Minimal  
    - 2) Mild  
    - 3) Moderate  
    - 4) Marked

- Infiltration Cellular, Lymphocyte, Focal  
  - Tissue examined microscopically  
  - Lesion qualified as:  
    - 1) Minimal  
    - 2) Mild  
    - 3) Moderate  
    - 4) Marked

- Infiltration Cellular, Plasma Cell  
  - Tissue examined microscopically  
  - Lesion qualified as:  
    - 1) Minimal  
    - 2) Mild  
    - 3) Moderate  
    - 4) Marked

- Renal Tubule, Cyst, Focal  
  - Tissue examined microscopically  
  - Lesion qualified as:  
    - 1) Minimal  
    - 2) Mild  
    - 3) Moderate  
    - 4) Marked

- Renal Tubule, Regeneration, Focal  
  - Tissue examined microscopically  
  - Lesion qualified as:  
    - 1) Minimal  
    - 2) Mild  
    - 3) Moderate  
    - 4) Marked

**END OF REPORT**

**Legend:**

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue  
M ..Missing tissue  
A ..Autolysis precludes evaluation  
** ..Lesion qualified as: