Experiment Number: 55301-08
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Transgenic LECM (Pyridine)
CAS Number: 110-86-1

Date Report Requested: 10/23/2014
Time Report Requested: 09:11:12
First Dose M/F: NA / NA
Lab: ILS

C Number: C55301D
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
P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Transgenic LECM (Pyridine)
CAS Number: 110-86-1

Date Report Requested: 10/23/2014
Time Report Requested: 09:11:12
First Dose M/F: NA / NA
Lab: ILS

DAY ON TEST
TG.AC HEMI Mouse Female
0 MG

ANIMAL ID *TOTALS

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

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
### DAY ON TEST

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

<table>
<thead>
<tr>
<th>ANIMAL ID</th>
<th>*TOTALS</th>
</tr>
</thead>
</table>

**Respiratory System**
NONE

**Special Senses System**
NONE

**Urinary System**
NONE

**SYSTEMIC LESIONS**

| Multiple Organ | 0 |

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
DAY ON TEST
TG.AC HEMI Mouse Female
1.25 UG TPA

<table>
<thead>
<tr>
<th>ANIMAL ID</th>
<th>Alimentary System</th>
<th>Cardiovascular System</th>
<th>Endocrine System</th>
<th>General Body System</th>
<th>Genital System</th>
<th>Hematopoietic System</th>
<th>Integumentary System</th>
<th>Musculoskeletal System</th>
<th>Nervous System</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
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</tbody>
</table>

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
DSTON TEST
TG.AC HEMI Mouse Female
1.25 UG TPA

ANIMAL ID

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

SYSTEMIC LESIONS

Multiple Organ 0

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
DAG ON TEST

TG.AC HEMI Mouse Female
1.5 MG

ANIMAL ID

*TOTALS

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


* ..Total animals with tissue examined microscopically; Total animals with tumor
M ..Missing tissue
+ ..Tissue examined microscopically
A ..Autolysis precludes evaluation
X ..Lesion present
BLANK ..Not examined microscopically
I ..Insufficient tissue
DIE ON TEST

TG.AC HEMI Mouse Female
1.5 MG

<table>
<thead>
<tr>
<th>ANIMAL ID</th>
<th>*TOTALS</th>
</tr>
</thead>
</table>

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
## TG.AC HEMI Mouse Female

### 3.0 MG

<table>
<thead>
<tr>
<th>System</th>
<th>Condition</th>
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<tbody>
<tr>
<td>Alimentary System</td>
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</tr>
<tr>
<td>Cardiovascular System</td>
<td>NONE</td>
</tr>
<tr>
<td>Endocrine System</td>
<td>NONE</td>
</tr>
<tr>
<td>General Body System</td>
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</tr>
<tr>
<td>Genital System</td>
<td>NONE</td>
</tr>
<tr>
<td>Hematopoietic System</td>
<td>NONE</td>
</tr>
<tr>
<td>Integumentary System</td>
<td>NONE</td>
</tr>
<tr>
<td>Musculoskeletal System</td>
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<tr>
<td>Nervous System</td>
<td>NONE</td>
</tr>
</tbody>
</table>

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic LECM (Pyridine)
CAS Number: 110-86-1

DAY ON TEST

TG.AC HEMI Mouse Female
3.0 MG

ANIMAL ID

**TOTALS**

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Type:** 26-WEEK  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/TG.AC HEMI  
**CAS Number:** 110-86-1  
**Test Compound:** Transgenic LECM (Pyridine)  
**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 09:11:12  
**First Dose M/F:** NA / NA  
**Lab:** ILS

#### Alimentary System

<table>
<thead>
<tr>
<th>Lesion</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
<th>Day 4</th>
<th>Day 7</th>
<th>Day 8</th>
<th>Day 14</th>
<th>Day 21</th>
<th>Day 28</th>
<th>Day 56</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liver</td>
<td>+</td>
<td></td>
<td>+</td>
<td></td>
<td></td>
<td></td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>16</td>
</tr>
<tr>
<td>Salivary Glands</td>
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<td></td>
<td>+</td>
<td>+</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>+</td>
<td>+</td>
<td>16</td>
</tr>
<tr>
<td>Stomach, Forestomach</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>16</td>
</tr>
<tr>
<td>Squamous Cell Papilloma</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
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<td>Squamous Cell Papilloma, Multiple</td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<td>Stomach, Glandular</td>
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<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
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<td>16</td>
</tr>
<tr>
<td>Tongue</td>
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<td></td>
<td>+</td>
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<td>Squamous Cell Carcinoma</td>
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<td></td>
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<td></td>
<td></td>
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#### Cardiovascular System

**NONE**

#### Endocrine System

<table>
<thead>
<tr>
<th>Lesion</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
<th>Day 4</th>
<th>Day 7</th>
<th>Day 8</th>
<th>Day 14</th>
<th>Day 21</th>
<th>Day 28</th>
<th>Day 56</th>
<th>Totals</th>
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</thead>
<tbody>
<tr>
<td>Adrenal Cortex</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>16</td>
</tr>
<tr>
<td>Adrenal Medulla</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>16</td>
</tr>
<tr>
<td>Pituitary Gland</td>
<td>+ M</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
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<tr>
<td>Thyroid Gland</td>
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<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>16</td>
</tr>
</tbody>
</table>

#### General Body System

**NONE**

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue  
M ..Missing tissue  
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BLANK ..Not examined microscopically
Experiment Number: 55301-08  
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Route: SKIN APPLICATION  
Species/Strain: Mouse/TG.AC HEMI

Test Compound: Transgenic LECM (Pyridine)  
CAS Number: 110-86-1  
Date Report Requested: 10/23/2014  
Time Report Requested: 09:11:12  
First Dose M/F: NA / NA  
Lab: ILS

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TG.AC HEMI Mouse Female 6.0 MG | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|            | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|            | 1 | 2 | 3 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 |
|            | 8 | 5 | 0 | 8 | 8 | 8 | 8 | 4 | 4 | 5 | 5 | 9 | 9 | 0 | 0 | 1 | 1 |
|            | 5 | 2 | 2 | 1 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 8 | 9 | 0 | 8 | 9 |

*TOTALS 1

<table>
<thead>
<tr>
<th>Genital System</th>
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</thead>
<tbody>
<tr>
<td>Ovary</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Hematopoietic System</th>
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</thead>
<tbody>
<tr>
<td>Lymph Node, Mandibular</td>
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</tr>
<tr>
<td>Spleen</td>
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<tr>
<td>Thymus</td>
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<table>
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<tr>
<th>Integumentary System</th>
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<tbody>
<tr>
<td>Mammary Gland</td>
<td>+ + + + + + M + + + + + + + + +</td>
</tr>
<tr>
<td>Skin</td>
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</tr>
<tr>
<td>Lip, Squamous Cell Papilloma</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Musculoskeletal System</th>
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<tbody>
<tr>
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<td></td>
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<table>
<thead>
<tr>
<th>Nervous System</th>
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<tbody>
<tr>
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<table>
<thead>
<tr>
<th>Respiratory System</th>
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<tbody>
<tr>
<td>NONE</td>
<td></td>
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</tbody>
</table>

| Lung              | + + + + + + + + + + + + + + |
| Alveolar/Bronchiolar Adenoma | X 1 |

<table>
<thead>
<tr>
<th>Special Senses System</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
</tr>
</tbody>
</table>

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I ..Insufficient tissue  
M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically
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**Species/Strain:** Mouse/TG.AC HEMI

**Test Compound:** Transgenic LECM (Pyridine)

**CAS Number:** 110-86-1

**Test Type:** 26-WEEK

**Route:** SKIN APPLICATION

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

**Time Report Requested:** 09:11:12

**First Dose M/F:** NA / NA

**Lab:** ILS

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I | 1 | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |
| 9 | 7 | 9 | 9 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

**Urinary System**

- **Kidney:**

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

**SYSTEMIC LESIONS**

- **Multiple Organ:**

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

**TOTALS**

**Kidney:** 16

**Multiple Organ:** 16

**END OF REPORT**