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**Alimentary System**

- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

- Epididymis: + + + + + 5
- Prostate: + + + + + 5
- Testes: + + + + + 5

**Hematopoietic System**

NONE

**Integumentary System**

- Skin: + + + + + 5

**Musculoskeletal System**

- Total animals with tissue examined microscopically: 23
- Total animals with tumor: 7
- Tissue examined microscopically: 23
- Lesion present: 7
- Insufficient tissue: 5
- Missing tissue: 7
- Autolysis precludes evaluation: 0
- Not examined microscopically: 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
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**FVB/N Mouse Male**

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**ANIMAL ID**

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| 0 0 0 0 0 |
| 1 2 3 4 5 |

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

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* ..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
Experiment Number: 97011-10  
Test Type: 14-DAY  
Route: GAVAGE  
Species/Strain: Mouse/FVB/N  

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*TOTALS*  

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<tr>
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<tr>
<td>Stomach, Forestomach</td>
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<tr>
<td>Cardiovascular System</td>
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<td>Endocrine System</td>
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<td>Adrenal Cortex</td>
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<td>General Body System</td>
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<td>Genital System</td>
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<td>Hematopoietic System</td>
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<td>Integumentary System</td>
<td>Skin</td>
<td>+ + + + +</td>
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<td>Musculoskeletal System</td>
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<td>Nervous System</td>
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* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
I ..Insufficient tissue  
M ..Missing tissue  
X ..Lesion present  
BLANK ..Not examined microscopically
Experiment Number: 97011-10
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/FVB/N

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</table>

*TOTALS

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

Note: * ..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:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/FVB/N

**Test Compound:** Transgenic model evaluation (DES)  
**CAS Number:** 56-53-1

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 18:00:11  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**DAY ON TEST**

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**FVB/N Mouse Male**  
**60 UG/KG**

**ANIMAL ID**

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*TOTALS*

**Alimentary System**

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<tr>
<td>Stomach, Forestomach</td>
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**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

<table>
<thead>
<tr>
<th>System</th>
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<tr>
<td>Skin</td>
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**Musculoskeletal System**

NONE

**Nervous System**

---

* ..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)**

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**FVB/N Mouse Male**

**60 UG/KG**

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*TOTALS

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

<table>
<thead>
<tr>
<th>Multiple Organ</th>
<th>+</th>
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5

* ..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
Experiment Number: 97011-10
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/FVB/N

Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 18:00:11
First Dose M/F: NA / NA
Lab: BAT

**P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 7 | 8 | 9 | 0 |

**FVB/N Mouse Male**

| 120 | UG/KG |

**Alimentary System**

Liver + + + + + 5
Stomach, Forestomach + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin + + + + + 5

**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
### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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**TOTALS**

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**Legend:**

- * ..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
Experiment Number: 97011-10
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/FVB/N

Date Report Requested: 10/22/2014
Time Report Requested: 18:00:11
First Dose M/F: NA / NA
Lab: BAT

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**TOTALS**

### Alimentary System

- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5

### Cardiovascular System

NONE

### Endocrine System

NONE

### General Body System

NONE

### Genital System

NONE

### Hematopoietic System

NONE

### Integumentary System

- Skin: + + + + + 5

### Musculoskeletal System

NONE

### Nervous System

NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
I ..Insufficient tissue
**Experiment Number:** 97011-10  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/FVB/N

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| FVB/N Mouse Male  
180 UG/KG | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  |
| ANIMAL ID | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  |

* **TOTALS**

**NONE**

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

**SYSTEMIC LESIONS**

Multiple Organ + + + + + 5

* ..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
### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 18:00:11  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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#### DAY ON TEST

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*TOTALS*

---

#### Alimentary System

- Liver
  - + + + + + 5
- Stomach, Forestomach
  - + + + + + 5

#### Cardiovascular System

NONE

#### Endocrine System

NONE

#### General Body System

NONE

#### Genital System

- Epididymis
  - + + + + + 5
- Prostate
  - + + + + + 5
- Testes
  - + + + + + 5

#### Hematopoietic System

NONE

#### Integumentary System

- Skin
  - + + + + + 5

#### Musculoskeletal System

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
M ..Missing tissue  
A ..Autolysis precludes evaluation  
X ..Lesion present  
I ..Insufficient tissue  
BLANK ..Not examined microscopically
Experiment Number: 97011-10  
Test Type: 14-DAY  
Route: GAVAGE  
Species/Strain: Mouse/FVB/N  

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)  
Test Compound: Transgenic model evaluation (DES)  
CAS Number: 56-53-1  

Date Report Requested: 10/22/2014  
Time Report Requested: 18:00:11  
First Dose M/F: NA / NA  
Lab: BAT  

**DAY ON TEST**

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**ANIMAL ID**

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**TOTALS**

NONE  
Nervous System  
NONE  
Respiratory System  
NONE  
Special Senses System  
NONE  
Urinary System  
NONE  
SYSTEMIC LESIONS  
Multiple Organ  

+ + + + +  
5  

***END OF MALE DATA***

*..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
### FVB/N Mouse Female

0 UG/KG

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**TOTALS**

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<tr>
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<td></td>
</tr>
<tr>
<td>Liver</td>
<td>+ + + + +</td>
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<tr>
<td>Stomach, Forestomach</td>
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<tr>
<td><strong>Cardiovascular System</strong></td>
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<tr>
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<td><strong>Endocrine System</strong></td>
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<tr>
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<td>Uterus</td>
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<tr>
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<td><strong>Musculoskeletal System</strong></td>
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* ..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
Experiment Number: 97011-10
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 18:00:11
First Dose M/F: NA / NA
Lab: BAT

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FVB/N Mouse Female
0 UG/KG

ANIMAL ID

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*NORMALS

Nervous System
NONE

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
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M ..Missing tissue
A ..Autolysis precludes evaluation
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Date Report Requested: 10/22/2014
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First Dose M/F: NA / NA
Lab: BAT

**Alimentary System**
- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5

**Cardiovascular System**
NONE

**Endocrine System**
NONE

**General Body System**
NONE

**Genital System**
NONE

**Hematopoietic System**
NONE

**Integumentary System**
- Skin: + + + + + 5

**Musculoskeletal System**
NONE

**Nervous System**

---

* ..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
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Experiment Number: 97011-10
Test Type: 14-DAY
Route: GAVAGE
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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
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FVB/N Mouse Female
30 UG/KG

ANIMAL ID
0 0 0 0 0
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3 3 3 3 4
6 7 8 9 0

*TOTALS

NONE
Respiratory System
NONE
Special Senses System
NONE
Urinary System
NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

* ..Total animals with tissue examined microscopically; Total animals with tumor
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
X ..Lesion present
I ..Insufficient tissue
**Day on Test**

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**TOTALS**

- Liver: 5
- Stomach, Forestomach: 5

**Systemic Lesions Abridged**

- **Liver**: + + + + +
- **Stomach, Forestomach**: + + + + +

**System Details**

- **Experiment Number**: 97011-10
- **Test Type**: 14-DAY
- **Route**: GAVAGE
- **Species/Strain**: Mouse/FVB/N
- **Test Compound**: Transgenic model evaluation (DES)
- **CAS Number**: 56-53-1
- **Date Report Requested**: 10/22/2014
- **Time Report Requested**: 18:00:11
- **First Dose M/F**: NA / NA
- **Lab**: BAT

**Legend**

- *: 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
Experiment Number: 97011-10
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 18:00:11
First Dose M/F: NA / NA
Lab: BAT

Day on Test

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*TOTALS

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

* ..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

Page 19
### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Transgenic model evaluation (DES)  
**CAS Number:** 56-53-1

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**FVB/N Mouse Female**  
**120 UG/KG**

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* *TOTALS*

#### Alimentary System
- Liver
  - + + + + + 5
- Stomach, Forestomach
  - + + + + + 5

#### Cardiovascular System
NONE

#### Endocrine System
NONE

#### General Body System
NONE

#### Genital System
NONE

#### Hematopoietic System
NONE

#### Integumentary System
- Skin
  - + + + + + 5

#### Musculoskeletal System
NONE

#### Nervous System

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
M ..Missing tissue  
X ..Lesion present  
I ..Insufficient tissue  
BLANK ..Not examined microscopically
Experiment Number: 97011-10
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 18:00:11
First Dose M/F: NA / NA
Lab: BAT

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*TOTALS

RESPIRATORY SYSTEM
NONE

SPECIAL SENSES SYSTEM
NONE

URINARY SYSTEM
NONE

SYSTEMIC LESIONS
NONE

MULTIPLE ORGAN
+ + + + + 5

* ..Total animals with tissue examined microscopically; Total animals with tumor
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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
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First Dose M/F: NA / NA
Lab: BAT

DAY ON TEST

FVB/N Mouse Female
180 UG/KG

ANIMAL ID

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6 6 6 6 6

*TOTALS

Alimentary System

Liver + + + + + 5
Stomach, Forestomach + + + + + 5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin + + + + + 5

Musculoskeletal System

NONE

Nervous System

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A ..Autolysis precludes evaluation
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*TOTALS

None

Respiratory System

None

Special Senses System

None

Urinary System

None

Systemic Lesions

Multiple Organ

+ + + + + 5

| ..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 |
### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Transgenic model evaluation (DES)  
**CAS Number:** 56-53-1

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**FVB/N Mouse Female**  

**240 UG/KG**

| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Alimentary System**

- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

- Ovary: + + + + + 5
- Uterus: + + + + + 5

**Hematopoietic System**

NONE

**Integumentary System**

- Skin: + + + + + 5

**Musculoskeletal System**

NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor  
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A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically  
M ..Missing tissue  
I ..Insufficient tissue
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FVB/N Mouse Female
240 UG/KG

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<td>0</td>
</tr>
</tbody>
</table>

Nervous System
NONE

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

SYSTEMIC LESIONS

Multiple Organ

<table>
<thead>
<tr>
<th>*TOTALS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

** END OF REPORT **

* ..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

Page 25