

**Experiment Number:** 97011-11  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/FVB/N

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Transgenic model evaluation (Ethinyl estradiol)  
**CAS Number:** 57-63-6

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 01:50:28  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C97011E
<b>Lock Date:</b>	03/30/1999
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

Experiment Number: 97011-11  
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 CAS Number: 57-63-6

Date Report Requested: 10/22/2014  
 Time Report Requested: 01:50:28  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	9	9	9	9	9
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	4	4	4	4	4
	0	0	0	0	0
	1	2	3	4	5
	<b>*TOTALS</b>				

**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
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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



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 CAS Number: 57-63-6

Date Report Requested: 10/22/2014  
 Time Report Requested: 01:50:28  
 First Dose M/F: NA / NA  
 Lab: BAT

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

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	9	9	9	9	9
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	4	4	4	4	4
	0	0	0	0	1
	6	7	8	9	0
	<b>*TOTALS</b>				

**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  
 BLANK ..Not examined microscopically



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Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Test Compound: Transgenic model evaluation (Ethinyl estradiol)

CAS Number: 57-63-6

Date Report Requested: 10/22/2014

Time Report Requested: 01:50:28

First Dose M/F: NA / NA

Lab: BAT

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

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	1	1	1	1	1	
	1	2	3	4	5	<b>*TOTALS</b>

**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
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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



Experiment Number: 97011-11

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Test Compound: Transgenic model evaluation (Ethinyl estradiol)

CAS Number: 57-63-6

Date Report Requested: 10/22/2014

Time Report Requested: 01:50:28

First Dose M/F: NA / NA

Lab: BAT

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

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	1	1	1	1	2	
	6	7	8	9	0	<b>*TOTALS</b>

**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
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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

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BLANK ..Not examined microscopically





Experiment Number: 97011-11

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Test Compound: Transgenic model evaluation (Ethinyl estradiol)

CAS Number: 57-63-6

Date Report Requested: 10/22/2014

Time Report Requested: 01:50:28

First Dose M/F: NA / NA

Lab: BAT

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

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	2	2	2	2	2	
	1	2	3	4	5	<b>*TOTALS</b>

**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
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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



Experiment Number: 97011-11

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Test Compound: Transgenic model evaluation (Ethinyl estradiol)

CAS Number: 57-63-6

Date Report Requested: 10/22/2014

Time Report Requested: 01:50:28

First Dose M/F: NA / NA

Lab: BAT

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

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	2	2	2	2	3	
	6	7	8	9	0	<b>*TOTALS</b>

**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

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**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 01:50:28  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	9	9	9	9	9
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	4	4	4	4	4
	3	3	3	3	3
	1	2	3	4	5
	<b>*TOTALS</b>				

**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

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Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Test Compound: Transgenic model evaluation (Ethinyl estradiol)

CAS Number: 57-63-6

Date Report Requested: 10/22/2014

Time Report Requested: 01:50:28

First Dose M/F: NA / NA

Lab: BAT

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

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	3	3	3	3	4	
	6	7	8	9	0	
						<b>*TOTALS</b>

**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

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Date Report Requested: 10/22/2014  
 Time Report Requested: 01:50:28  
 First Dose M/F: NA / NA  
 Lab: BAT

FVB/N Mouse Female 60 UG/KG	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
	1	1	1	1	1	1
	9	9	9	9	9	9
ANIMAL ID	0	0	0	0	0	0
	0	0	0	0	0	0
	4	4	4	4	4	4
	4	4	4	4	4	4
	1	2	3	4	5	
	<b>*TOTALS</b>					

**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  
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Date Report Requested: 10/22/2014

Time Report Requested: 01:50:28

First Dose M/F: NA / NA

Lab: BAT

		DAY ON TEST					
		0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		9	9	9	9	9	
		ANIMAL ID					
		0	0	0	0	0	
		0	0	0	0	0	
		4	4	4	4	4	
		4	4	4	4	5	
		6	7	8	9	0	
							<b>*TOTALS</b>

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

		DAY ON TEST					
<b>FVB/N Mouse Female</b>		0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		9	9	9	9	9	
	<b>180 UG/KG</b>						
	ANIMAL ID						
	0	0	0	0	0		
	0	0	0	0	0		
	4	4	4	4	4		
	5	5	5	5	5		
	1	2	3	4	5	<b>*TOTALS</b>	

**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  
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Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Test Compound: Transgenic model evaluation (Ethinyl estradiol)

CAS Number: 57-63-6

Date Report Requested: 10/22/2014

Time Report Requested: 01:50:28

First Dose M/F: NA / NA

Lab: BAT

<b>FVB/N Mouse Female</b> <b>360 UG/KG</b>	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
	4	4	4	4	4		
	5	5	5	5	6		
	6	7	8	9	0	<b>*TOTALS</b>	

**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

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X ..Lesion present

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M ..Missing tissue

A ..Autolysis precludes evaluation

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