

Experiment Number: 97011-12
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Transgenic model evaluation (Ethinyl estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/22/2014
Time Report Requested: 01:51:45
First Dose M/F: NA / NA
Lab: BAT

C Number:	C97011F
Lock Date:	03/30/1999
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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Male MOUSE
FIRST TERMINAL SACRIFICE AT 18 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 UG/KG			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 30 UG/KG			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 60 UG/KG			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 120 UG/KG			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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FIRST TERMINAL SACRIFICE AT 18 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 180 UG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 360 UG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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FIRST TERMINAL SACRIFICE AT 18 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	2	4	6	8	10	12	14	16	18(A)	18(A)
0 UG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30 UG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60 UG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
120 UG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
180 UG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
360 UG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

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Lab: BAT

Male MOUSE
FIRST TERMINAL SACRIFICE AT 18 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 UG/KG	30 UG/KG	60 UG/KG	120 UG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	18.0 (0.0)	18.0 (0.0)	18.0 (0.0)	18.0 (0.0)

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Male MOUSE
FIRST TERMINAL SACRIFICE AT 18 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	180 UG/KG	360 UG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	18.0 (0.0)	18.0 (0.0)

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Lab: BAT

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FIRST TERMINAL SACRIFICE AT 18 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 UG/KG			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 30 UG/KG			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 60 UG/KG			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 120 UG/KG			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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Female MOUSE
FIRST TERMINAL SACRIFICE AT 18 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 180 UG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 360 UG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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60 UG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
120 UG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
180 UG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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