

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

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Transgenic LECM (Pyridine)
CAS Number: 110-86-1

Date Report Requested: 10/23/2014
Time Report Requested: 09:10:47
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

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Female MOUSE
FIRST TERMINAL SACRIFICE AT 187 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 MG			
TOTAL 15	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 13
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 1.25 UG TPA			
TOTAL 15	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 13
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 1.5 MG			
TOTAL 15	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 15
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 3.0 MG			
TOTAL 15	UNCENSORED DEATHS 3	CENSORED DEATHS 0	TERMINAL 12
UNCENSORED DEATH DAYS			
53 84 168			
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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Female MOUSE
FIRST TERMINAL SACRIFICE AT 187 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 6.0 MG

TOTAL 20

UNCENSORED DEATHS 1

CENSORED DEATHS 0

TERMINAL 16

UNCENSORED DEATH DAYS

169

CENSORED DEATH DAYS

none

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	19	38	57	76	95	114	133	152	171	187(A)
0 MG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1.25 UG TPA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1.5 MG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3.0 MG	100.0	100.0	93.3	93.3	86.7	86.7	86.7	86.7	80.0	80.0
6.0 MG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	95.0

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Female MOUSE
 FIRST TERMINAL SACRIFICE AT 187 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 MG	1.25 UG TPA	1.5 MG	3.0 MG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	80.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	101.7 (34.4)
MEAN LIFE SPAN (D) (STANDARD ERROR)	187.0 (0.0)	187.0 (0.0)	187.0 (0.0)	169.9 (10.8)

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FIRST TERMINAL SACRIFICE AT 187 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	6.0 MG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	95.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	169.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	185.9 (1.1)

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