

Experiment Number: 05201-07
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Transgenic LECM (Furfuryl alcohol)
CAS Number: 98-00-0

Date Report Requested: 10/23/2014
Time Report Requested: 14:08:12
First Dose M/F: NA / NA
Lab: ILS

C Number:	C56224E
Lock Date:	03/04/1998
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 186 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 MG

TOTAL 15 UNCENSORED DEATHS 2 CENSORED DEATHS 0 TERMINAL 11

UNCENSORED DEATH DAYS

67 155

CENSORED DEATH DAYS

none

DOSE = 1.25 UG TPA

TOTAL 14 UNCENSORED DEATHS 3 CENSORED DEATHS 0 TERMINAL 8

UNCENSORED DEATH DAYS

91 101 174

CENSORED DEATH DAYS

none

DOSE = 0.25 MG

TOTAL 15 UNCENSORED DEATHS 1 CENSORED DEATHS 0 TERMINAL 14

UNCENSORED DEATH DAYS

172

CENSORED DEATH DAYS

none

DOSE = 0.75 MG

TOTAL 15 UNCENSORED DEATHS 2 CENSORED DEATHS 0 TERMINAL 13

UNCENSORED DEATH DAYS

26 153

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

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FIRST TERMINAL SACRIFICE AT 186 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 1.5 MG

TOTAL 20

UNCENSORED DEATHS 3

CENSORED DEATHS 0

TERMINAL 14

UNCENSORED DEATH DAYS

98 116 160

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	186(A)
0 MG	100.0	100.0	100.0	93.3	93.3	93.3	93.3	93.3	86.7	86.7
1.25 UG TPA	100.0	100.0	100.0	100.0	92.9	85.7	85.7	85.7	85.7	78.6
0.25 MG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.3
0.75 MG	100.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	86.7	86.7
1.5 MG	100.0	100.0	100.0	100.0	100.0	95.0	90.0	90.0	85.0	85.0

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 FIRST TERMINAL SACRIFICE AT 186 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 MG	1.25 UG TPA	0.25 MG	0.75 MG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	86.7%	78.6%	93.3%	86.7%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	111.0 (44.0)	122.0 (26.2)	172.0 (.)	89.5 (63.5)
MEAN LIFE SPAN (D) (STANDARD ERROR)	174.5 (9.3)	168.5 (10.9)	185.1 (0.9)	173.1 (10.7)

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FIRST TERMINAL SACRIFICE AT 186 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	1.5 MG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	85.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	124.7 (18.4)
MEAN LIFE SPAN (D) (STANDARD ERROR)	175.2 (6.5)

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