

Experiment Number: 55312-05
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Transgenic LECM (Coconut oil acid diethanolamine condensate)
CAS Number: 68603-42-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:14:41
First Dose M/F: NA / NA
Lab: ILS

C Number: C55312C
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 183 DAYS
 INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 MG			
TOTAL 20	UNCENSORED DEATHS 3	CENSORED DEATHS 0	TERMINAL 15
UNCENSORED DEATH DAYS			
17	105	133	
CENSORED DEATH DAYS			
none			
DOSE = 1.50 UG TPA			
TOTAL 10	UNCENSORED DEATHS 1	CENSORED DEATHS 0	TERMINAL 7
UNCENSORED DEATH DAYS			
171			
CENSORED DEATH DAYS			
none			
DOSE = 2.5 MG			
TOTAL 15	UNCENSORED DEATHS 2	CENSORED DEATHS 0	TERMINAL 13
UNCENSORED DEATH DAYS			
102	116		
CENSORED DEATH DAYS			
none			
DOSE = 5.0 MG			
TOTAL 15	UNCENSORED DEATHS 4	CENSORED DEATHS 0	TERMINAL 11
UNCENSORED DEATH DAYS			
72	98	156	169
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 183 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 7.5 MG

TOTAL 19

UNCENSORED DEATHS 4

CENSORED DEATHS 0

TERMINAL 11

UNCENSORED DEATH DAYS

72 72 105 116

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	183(A)
0 MG	95.0	95.0	95.0	95.0	95.0	90.0	85.0	85.0	85.0	85.0
1.50 UG TPA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0
2.5 MG	100.0	100.0	100.0	100.0	100.0	93.3	86.7	86.7	86.7	86.7
5.0 MG	100.0	100.0	100.0	93.3	93.3	86.7	86.7	86.7	73.3	73.3
7.5 MG	100.0	100.0	100.0	89.5	89.5	84.2	78.9	78.9	78.9	78.9

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FIRST TERMINAL SACRIFICE AT 183 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 MG	1.50 UG TPA	2.5 MG	5.0 MG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	85.0%	90.0%	86.7%	73.3%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	85.0 (34.9)	171.0 (.)	109.0 (7.0)	123.8 (23.1)
MEAN LIFE SPAN (D) (STANDARD ERROR)	166.7 (10.1)	181.5 (1.5)	173.1 (6.8)	167.2 (8.9)

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SURVIVAL SUMMARY STATISTICS

DOSE	7.5 MG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	78.9%
SIGNIFICANCE (B) (LIFE TABLE)	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	91.3 (11.3)
MEAN LIFE SPAN (D) (STANDARD ERROR)	158.5 (11.2)

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