

Experiment Number: 55312-06
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/P53(C57BL/6)

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: TRANSGENIC LECM (COCONUT OIL DIETHANOLAMINE)
CAS Number: 68603-42-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:02:55
First Dose M/F: NA / NA
Lab: ILS

C Number:	C55312
Lock Date:	08/21/1997
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 185 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 MG

TOTAL 10 UNCENSORED DEATHS 1 CENSORED DEATHS 0 TERMINAL 9

UNCENSORED DEATH DAYS

125

CENSORED DEATH DAYS

none

DOSE = 2.5 MG

TOTAL 10 UNCENSORED DEATHS 1 CENSORED DEATHS 0 TERMINAL 9

UNCENSORED DEATH DAYS

171

CENSORED DEATH DAYS

none

DOSE = 5.0 MG

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 7.5 MG

TOTAL 10 UNCENSORED DEATHS 1 CENSORED DEATHS 0 TERMINAL 9

UNCENSORED DEATH DAYS

128

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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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	19	38	57	76	95	114	133	152	171	185(A)
0 MG	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0	90.0	90.0
2.5 MG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0
5.0 MG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7.5 MG	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0	90.0	90.0

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SURVIVAL SUMMARY STATISTICS

DOSE	0 MG	2.5 MG	5.0 MG	7.5 MG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	90.0%	90.0%	100.0%	90.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.984N	P=1.000N	P=1.000N	P=1.000N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	125.0 (.)	171.0 (.)	. (.)	128.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	179.0 (6.0)	183.6 (1.4)	185.0 (0.0)	179.3 (5.7)

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Female MOUSE
 FIRST TERMINAL SACRIFICE AT 185 DAYS
 INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 MG	UNCENSORED DEATHS	CENSORED DEATHS	TERMINAL
TOTAL 10	1	0	9
UNCENSORED DEATH DAYS			
163			
CENSORED DEATH DAYS			
none			
DOSE = 2.5 MG			
TOTAL 10	0	0	10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 5.0 MG			
TOTAL 10	0	0	10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 7.5 MG			
TOTAL 10	0	0	10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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0 MG	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	100.0	100.0	100.0	100.0	100.0
5.0 MG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7.5 MG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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DOSE	0 MG	2.5 MG	5.0 MG	7.5 MG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	90.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.371N	P=1.000N	P=1.000N	P=1.000N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	163.0 (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	182.8 (2.2)	185.0 (0.0)	185.0 (0.0)	185.0 (0.0)

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