

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:18
First Dose M/F: NA / NA
Lab: BAT

C Number:	C97011G
Lock Date:	07/19/2001
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 193 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 UG/KG

TOTAL 15 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 15

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 480 UG/KG

TOTAL 15 UNCENSORED DEATHS 4 CENSORED DEATHS 0 TERMINAL 11

UNCENSORED DEATH DAYS

78 117 133 156

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)									
	20	40	60	80	100	120	140	160	180	193(A)
0 UG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
480 UG/KG	100.0	100.0	100.0	93.3	93.3	86.7	80.0	73.3	73.3	73.3

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FIRST TERMINAL SACRIFICE AT 193 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 UG/KG	480 UG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	73.3%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.107	P=0.107
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	121.0 (16.4)
MEAN LIFE SPAN (D) (STANDARD ERROR)	193.0 (0.0)	173.8 (9.4)

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Female MOUSE
FIRST TERMINAL SACRIFICE AT 193 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 UG/KG

TOTAL 15 UNCENSORED DEATHS 1 CENSORED DEATHS 0 TERMINAL 14

UNCENSORED DEATH DAYS

172

CENSORED DEATH DAYS

none

DOSE = 480 UG/KG

TOTAL 15 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 15

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	20	40	60	80	100	120	140	160	180	193(A)
0 UG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.3	93.3
480 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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SURVIVAL SUMMARY STATISTICS

DOSE	0 UG/KG	480 UG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	93.3%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=1.000N	P=1.000N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	172.0 (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	191.6 (1.4)	193.0 (0.0)

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**** END OF REPORT ****

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