

Experiment Number: 20212-01
Test Type: 18-33 DAYS
Route: INTRADUCTAL CANNULATION
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Adenoviral vector (hGH)
CAS Number: HGH

Date Report Requested: 10/23/2014
Time Report Requested: 07:20:17
First Dose M/F: NA / NA
Lab: MBA

C Number:	C20212
Lock Date:	06/16/2004
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male
PWG Approval Date	NONE

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Male RAT
 FIRST TERMINAL SACRIFICE AT 29 DAYS
 INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = VEHICLE SALINE			
TOTAL 12	UNCENSORED DEATHS 0	CENSORED DEATHS 4	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
3	3	3	3
DOSE = VEHICLE HCQ			
TOTAL 12	UNCENSORED DEATHS 0	CENSORED DEATHS 4	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
3	3	3	3
DOSE = 1.5 E11 HCQ			
TOTAL 12	UNCENSORED DEATHS 0	CENSORED DEATHS 4	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
3	3	3	3
DOSE = 2.4 E8 HCQ			
TOTAL 12	UNCENSORED DEATHS 0	CENSORED DEATHS 4	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
2	3	3	3

(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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Male RAT
FIRST TERMINAL SACRIFICE AT 29 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 6.0 E9 SALINE			
TOTAL 12	UNCENSORED DEATHS 0	CENSORED DEATHS 4	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
3	3	3	3

DOSE = 6.0 E9 HCQ			
TOTAL 12	UNCENSORED DEATHS 0	CENSORED DEATHS 4	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
3	3	3	3

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	3	6	9	12	15	18	21	24	27	29(A)
VEHICLE SALINE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VEHICLE HCQ	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1.5 E11 HCQ	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2.4 E8 HCQ	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6.0 E9 SALINE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6.0 E9 HCQ	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	VEHICLE SALINE	VEHICLE HCQ	1.5 E11 HCQ	2.4 E8 HCQ
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	20.3 (3.7)	20.3 (3.7)	20.3 (3.7)	20.3 (3.7)

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SURVIVAL SUMMARY STATISTICS

DOSE	6.0 E9 SALINE	6.0 E9 HCQ
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	20.3 (3.7)	20.3 (3.7)

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