

Experiment Number: 05190-01
Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014
Time Report Requested: 11:48:47
First Dose M/F: NA / NA
Lab: NA

C Number:	C60980B
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both

Experiment Number: 05190-01
Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014
Time Report Requested: 11:48:47
First Dose M/F: NA / NA
Lab: NA

MALE

Treatment Groups	Albumin g per dL	ALP IU per L	ALT IU per L	AST IU per L	Bilirubin Total mg per dL	BUN mg per dL
Day 91						
0 mg/m3	4.4 ± 0.1	157 ± 20.1	84.6 ± 27	96.4 ± 23.4	0 ± 0.1	17.3 ± 2.3
3.13 mg/m3	4.4 ± 0.1	167.3 ± 21.6	83 ± 20	103 ± 20.6	0.1 ± 0.1	18.8 ± 2.5
6.25 mg/m3	4.4 ± 0.1	151 ± 16.3	78.7 ± 16.5	100.4 ± 21.3	0 ± 0	18.1 ± 2.5
12.5 mg/m3	4.3 ± 0.1	144.9 ± 24.2	77.7 ± 22.6	99.3 ± 25.3	0.1 ± 0	15.2 ± 1.6
25 mg/m3	4.6 ± 0.4	241.6 ± 55.3	214.5 ± 78.8	195.6 ± 58.3	0.1 ± 0	25.7 ± 9.1*
50 mg/m3	213.5 ± 14.8	103 ± 19.8	110.5 ± 14.8	0.7 ± 0.2	29.5 ± 19.1	0.9 ± 0.7**

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

Experiment Number: 05190-01

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:48:47

First Dose M/F: NA / NA

Lab: NA

MALE

Treatment Groups	Cholesterol mg per dL	Cholinesterase IU PER L	Creatinine U per L	Free Fatty Acids mmol per L	Glucose mg per dL	LDH IU PER L
Day 91						
0 mg/m3	82.3 ± 8.8	768 ± 32.4	0.7 ± 0.1	0.8 ± 0.1	269.4 ± 21.4	248.3 ± 97
3.13 mg/m3	82.4 ± 6.2	775.6 ± 69.2	0.8 ± 0.1	0.9 ± 0.2	245.4 ± 24.4	270.1 ± 87.5
6.25 mg/m3	92.1 ± 10.6*	790.8 ± 75.6	0.8 ± 0.1	1 ± 0.2	247.5 ± 31.7	311.1 ± 127.8
12.5 mg/m3	96.3 ± 11.1**	958.1 ± 87.3**	0.8 ± 0.3	1 ± 0.2	240.1 ± 24.5*	239.5 ± 95.9
25 mg/m3	223.3 ± 52.2**	3270.2 ± 821.3**	0.9 ± 0.2	0.6 ± 0.1	176.1 ± 13.5**	244.2 ± 74.7
50 mg/m3	7.7 ± 0.6*	58.2 ± 17.6**				

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

Experiment Number: 05190-01
Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014
Time Report Requested: 11:48:47
First Dose M/F: NA / NA
Lab: NA

MALE

Treatment Groups	Protein Total g per dL	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
------------------	---------------------------	-----------------	--	------------------------	-------------------------------

Day 91

0 mg/m3	7 ± 0.3	48 ± 16.5	0.3 ± 1.2	5.8 ± 1.5	84.2 ± 21.8
3.13 mg/m3	6.9 ± 0.2	42.4 ± 12.6	0.6 ± 0.8	7 ± 1.9	80.1 ± 19.7
6.25 mg/m3	7 ± 0.2	36 ± 12.6	0.1 ± 0.1	5.1 ± 1.1	67.7 ± 13.7
12.5 mg/m3	6.9 ± 0.2	36.2 ± 10	0.5 ± 0.7*	4.5 ± 1.7*	62.4 ± 14.2**
25 mg/m3	7.2 ± 0.7	105.7 ± 26.8	2 ± 1**	42.2 ± 7.8**	
50 mg/m3					

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

Experiment Number: 05190-01
Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014
Time Report Requested: 11:48:47
First Dose M/F: NA / NA
Lab: NA

FEMALE

Treatment Groups	Albumin g per dL	ALP IU per L	ALT IU per L	AST IU per L	Bilirubin Total mg per dL	BUN mg per dL
------------------	---------------------	-----------------	-----------------	-----------------	------------------------------	------------------

Day 91

0 mg/m3	4.7 ± 0.1	115.4 ± 35.5	63 ± 20.9	99.2 ± 7.5	0 ± 0.1	16.6 ± 2.1
3.13 mg/m3	4.6 ± 0.2	113.8 ± 21.5	67.2 ± 22.4	107.8 ± 24.6	0 ± 0.1	16.2 ± 2.5
6.25 mg/m3	4.6 ± 0.2	129.4 ± 27.2	57.3 ± 16.6	100.2 ± 32.3	0 ± 0.1	16.1 ± 2
12.5 mg/m3	4.5 ± 0.2	110.8 ± 21.3	47 ± 18	76.5 ± 8.3	0 ± 0	13 ± 1.7*
25 mg/m3	4.2 ± 0.3**	145.9 ± 33.7	72 ± 36.3	93.8 ± 37.7	0 ± 0.1	32.5 ± 5.9*
50 mg/m3						

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

Experiment Number: 05190-01
Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014
Time Report Requested: 11:48:47
First Dose M/F: NA / NA
Lab: NA

FEMALE

Treatment Groups	Cholesterol mg per dL	Cholinesterase IU PER L	Creatinine U per L	Free Fatty Acids mmol per L	Glucose mg per dL	LDH IU PER L
Day 91						
0 mg/m3	114.2 ± 10.4	4661.3 ± 400.7	0.7 ± 0.1	0.6 ± 0.1	204.7 ± 32.4	309.3 ± 138.2
3.13 mg/m3	116.8 ± 6.7	4477.3 ± 420	0.6 ± 0.2	0.6 ± 0.2	200.3 ± 36	278.1 ± 90.2
6.25 mg/m3	112.1 ± 10.2	4202.8 ± 253.1	0.7 ± 0.1	0.6 ± 0.2	202.3 ± 35.4	272.3 ± 101.6
12.5 mg/m3	105.6 ± 11.7	3954.1 ± 414.3	0.7 ± 0.1	0.6 ± 0.2	201 ± 22.9	211.7 ± 82.5
25 mg/m3	241.7 ± 31.9**	4707.6 ± 449.5	0.8 ± 0.1**	0.4 ± 0.1**	259.1 ± 143.4	267.4 ± 96.2
50 mg/m3						

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

Experiment Number: 05190-01
Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014
Time Report Requested: 11:48:47
First Dose M/F: NA / NA
Lab: NA

FEMALE

Treatment Groups	Protein Total g per dL	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
------------------	---------------------------	-----------------	--	------------------------	-------------------------------

Day 91

0 mg/m3	6.9 ± 0.2	31.7 ± 8.2	0.4 ± 0.6	4.1 ± 0.6	90.8 ± 11.3
3.13 mg/m3	6.9 ± 0.3	27.4 ± 8.9	1.8 ± 2.6	4.5 ± 0.7	102.4 ± 9.7
6.25 mg/m3	6.8 ± 0.3	27.2 ± 8.2	0.4 ± 0.3	4.5 ± 0.7	97.3 ± 9.6
12.5 mg/m3	6.9 ± 0.4	24.5 ± 10.8	0.3 ± 0.2	4.5 ± 1.1	123.7 ± 18.5
25 mg/m3	6.2 ± 0.5**	35.2 ± 15.2	1.4 ± 1.2	48.5 ± 11.5	
50 mg/m3					

** END OF REPORT **

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.