

Experiment Number: 20303-03

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:30:11

First Dose M/F: NA / NA

Lab: NA

C Number: C20303

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 20303-03

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:30:11

First Dose M/F: NA / NA

Lab: NA

MALE

Treatment Groups	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g	BUN mg per dL
------------------	------------------	------------------------	--------------	--------------	------------------------------------	---------------

Day 93

0 ppm	4.8 ± 0.2	2.2 ± 0.2	319.4 ± 69.8	86.5 ± 59.4	3.7 ± 1.4	13.1 ± 3
6.25 ppm	4.8 ± 0.2	2.2 ± 0.2	321 ± 87.6	78.8 ± 37.1	3.5 ± 0.8	12.1 ± 2.6
12.5 ppm	4.7 ± 0.2	2.1 ± 0.2	314.6 ± 86.3	69.5 ± 30.8	3.2 ± 0.7	11.9 ± 2.3
25 ppm	4.8 ± 0.2	2.2 ± 0.2	310.5 ± 76	68.5 ± 28.4	3.8 ± 1.2	13.3 ± 2
50 ppm	4.8 ± 0.2	2.1 ± 0.2	328 ± 91.9	70.1 ± 28.5	3.9 ± 2.6	13.9 ± 2.3
100 ppm	4.9 ± 0.2	2.1 ± 0.2	348.4 ± 91.9	72.2 ± 13.3	3.5 ± 1	13.7 ± 0.9

*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: 20303-03

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:30:11

First Dose M/F: NA / NA

Lab: NA

MALE

Treatment Groups	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Glucose mg per dL	Protein Total g per dL	SDH IU per L
------------------	-----------------------------	-----------------------	----------------------	----------------------	---------------------------	-----------------

Day 93

0 ppm	216.2 ± 65.8	0.3 ± 0.1	2.2 ± 0.3	122.7 ± 10.5	7 ± 0.5	19.7 ± 8.7
6.25 ppm	267.1 ± 155.3	0.3 ± 0.1	2.3 ± 0.3	126.2 ± 10.8	7 ± 0.5	19.5 ± 6.9
12.5 ppm	283.1 ± 104.2	0.3 ± 0.1	2.2 ± 0.3	127 ± 9.6	7 ± 0.5	18.8 ± 6.1
25 ppm	280.1 ± 84.4*	0.4 ± 0.1	2.2 ± 0.3	126.7 ± 29.3	7 ± 0.4	17.7 ± 5.8
50 ppm	340.1 ± 168.3*	0.4 ± 0.1	2.3 ± 0.3	124 ± 16.9	7.1 ± 0.5	19.5 ± 7.1
100 ppm	319.6 ± 142.9*	0.4 ± 0.1	2.3 ± 0.3	113.5 ± 11.7	7.2 ± 0.5	25.9 ± 6.3*

*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: 20303-03

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:30:11

First Dose M/F: NA / NA

Lab: NA

FEMALE

Treatment Groups	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g	BUN mg per dL
------------------	------------------	------------------------	--------------	--------------	------------------------------------	---------------

Day 93

0 ppm	4.9 ± 0.3	2.6 ± 0.2	251.9 ± 52	56.4 ± 22.3	6.3 ± 4.3	12.8 ± 2.3
6.25 ppm	5 ± 0.3	2.7 ± 0.3	239.9 ± 51	51.7 ± 16.9	6 ± 3.6	13.8 ± 2.4
12.5 ppm	5 ± 0.3	2.7 ± 0.3	239.1 ± 59.3	47.8 ± 15.1	5.9 ± 5	13.7 ± 2.1
25 ppm	5 ± 0.3	2.7 ± 0.3	247.6 ± 62.8	44 ± 9.3	5.3 ± 2.4	14.2 ± 2.1
50 ppm	5 ± 0.2	2.7 ± 0.3	259.7 ± 63.3	43.4 ± 9.4	4.3 ± 0.7**	14.6 ± 2*
100 ppm	5 ± 0.2	2.6 ± 0.3	269.4 ± 59.9	50.1 ± 6.1	4.6 ± 1.8**	14.9 ± 1.5**

*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: 20303-03

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:30:11

First Dose M/F: NA / NA

Lab: NA

FEMALE

Treatment Groups	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Glucose mg per dL	Protein Total g per dL	SDH IU per L
------------------	--------------------------	--------------------	-------------------	-------------------	------------------------	--------------

Day 93

0 ppm	243.6 ± 91	0.3 ± 0.1	1.9 ± 0.3	133 ± 24.6	6.7 ± 0.5	14.7 ± 4.3
6.25 ppm	249.9 ± 108.8	0.3 ± 0.1	1.9 ± 0.3	120.8 ± 24.4	6.9 ± 0.6	14.2 ± 3.3
12.5 ppm	258.4 ± 82.9	0.3 ± 0.1	1.9 ± 0.3	122.4 ± 19.9	6.9 ± 0.6	13.2 ± 2.9
25 ppm	231.8 ± 108.9	0.4 ± 0.1	1.9 ± 0.3	122.3 ± 27.8	6.9 ± 0.5	13.2 ± 2.2
50 ppm	244.4 ± 64.8	0.4 ± 0.1	1.9 ± 0.3	118.3 ± 13.7	6.9 ± 0.5	14.3 ± 2
100 ppm	276.8 ± 110.2	0.4 ± 0.1	2 ± 0.3	114.3 ± 20	7 ± 0.5	19 ± 3.9**

**** 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.