

Experiment Number: 05159-05
Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014
Time Report Requested: 12:22:18
First Dose M/F: NA / NA
Lab: NA

C Number:	C62124B
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both

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MALE

Treatment Groups	5 Prime Nucleotidase IU per L	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g	BUN mg per dL
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Day 91

0 ppm

3 ppm	33.8 ± 4.8	3.7 ± 0.6	287.2 ± 24.9	54.7 ± 9.9	13.8 ± 4.5	447.9 ± 227.4
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10 ppm	33.6 ± 6.1	3.8 ± 0.3	261.8 ± 39.9	53.5 ± 6.1	10.4 ± 3.4	23.5 ± 2.4
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30 ppm	33.4 ± 5.6	3.9 ± 0.2	266.6 ± 15.8	56.3 ± 9.6	15.4 ± 6.8	24.6 ± 2.9
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100 ppm	33.9 ± 6.3	3.9 ± 0.1	283.8 ± 20.6	54.1 ± 6.5	16.2 ± 10	24.4 ± 3.3
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300 ppm	34.1 ± 5.4	3.9 ± 0.2	267.9 ± 26.6	57.6 ± 10.1	13.4 ± 7.9	26.2 ± 3.7**
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0 ppm

3 ppm	33.8 ± 4.8	3.7 ± 0.6	287.2 ± 24.9	54.7 ± 9.9	13.8 ± 4.5	447.9 ± 227.4
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300 ppm	34.1 ± 5.4	3.9 ± 0.2	267.9 ± 26.6	57.6 ± 10.1	13.4 ± 7.9	26.2 ± 3.7**
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*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.

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MALE

Treatment Groups	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL	SDH IU per L
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Day 91

0 ppm

3 ppm

10 ppm

30 ppm

100 ppm

300 ppm

0 ppm

3 ppm

10 ppm

30 ppm

100 ppm

300 ppm

0.6 ± 0.1

6.8 ± 0.3

603.3 ± 397.8

0.6 ± 0.1

6.7 ± 0.4

8.8 ± 1.2

511.1 ± 201.5

0.6 ± 0.1

6.7 ± 0.3

10.1 ± 2.4*

491.8 ± 132.8

0.6 ± 0.1

6.8 ± 0.2

9.5 ± 1.3*

513.1 ± 167

0.7 ± 0.1

6.7 ± 0.8

11.4 ± 2.6**

0.6 ± 0.1

6.8 ± 0.3

603.3 ± 397.8

0.6 ± 0.1

6.7 ± 0.4

8.8 ± 1.2

511.1 ± 201.5

0.6 ± 0.1

6.7 ± 0.3

10.1 ± 2.4*

491.8 ± 132.8

0.6 ± 0.1

6.8 ± 0.2

9.5 ± 1.3*

513.1 ± 167

0.7 ± 0.1

6.7 ± 0.8

11.4 ± 2.6**

*p < 0.05

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FEMALE

Treatment Groups	5 Prime Nucleotidase IU per L	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g	BUN mg per dL
Day 91						
0 ppm	29.3 ± 1.8	4.2 ± 0.4	249.5 ± 29.4	46.2 ± 6.3	25 ± 15.1	24.7 ± 3.2
3 ppm	29.7 ± 2	4.3 ± 0.2	256.5 ± 27.7	48.1 ± 9.5	22.2 ± 13.8	25.3 ± 2.3
10 ppm	29.5 ± 2	4.4 ± 0.2	242.1 ± 25.1	50.3 ± 7.5	22.5 ± 16.8	27.3 ± 4.1
30 ppm	29.7 ± 2.8	4.3 ± 0.3	243.2 ± 15.1	53.6 ± 8.3	31 ± 19	26.8 ± 4.1
100 ppm	28.6 ± 2.8	4.2 ± 0.2	245.6 ± 30.3	47.7 ± 9.6	29.3 ± 10.1	25.1 ± 2.8
300 ppm	28.6 ± 1.7	4.2 ± 0.3	254.7 ± 23.9	49.1 ± 7.6	20.6 ± 12	27.6 ± 3.1

*p < 0.05

**p < 0.01

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FEMALE

Treatment Groups	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL	SDH IU per L
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Day 91

0 ppm	266.3 ± 104.8	0.6 ± 0.1	6.7 ± 0.4	9.9 ± 2
3 ppm	290.6 ± 120.1	0.7 ± 0.1	6.9 ± 0.2	10.1 ± 2.2
10 ppm	268.1 ± 57.8	0.7 ± 0.1	6.9 ± 0.3	10.8 ± 2.4
30 ppm	252.1 ± 68.7	0.6 ± 0.1	6.7 ± 0.2	10.7 ± 1.7
100 ppm	299.9 ± 206.7	0.7 ± 0.1	6.9 ± 0.2	11.2 ± 4.1
300 ppm	201.3 ± 115.5	0.7 ± 0.1	6.9 ± 0.3	11.9 ± 2.2

** END OF REPORT **

*p < 0.05

**p < 0.01

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