

**Experiment Number:** 20114-01

**Species/Strain:** Rat/Fischer 344

**P41: Terminal Sacrifice Clinical Chemistry Data**

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 00:11:30

**First Dose M/F:** NA / NA

**Lab:** NA

**C Number:** C20114

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

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First Dose M/F: NA / NA

Lab: NA

**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 93**

<b>0 mg/L</b>	39.7 ± 5	4.1 ± 0.2	311.6 ± 136.5	69.7 ± 30.3	22.7 ± 5.9	14.4 ± 1.6
<b>62.5 mg/L</b>	35 ± 3.6	4.1 ± 0.3	300.1 ± 150.1	<b>168.5 ± 126.5**</b>	23.5 ± 9.1	15.6 ± 2.4
<b>125 mg/L</b>	40.7 ± 4.3	4.1 ± 0.2	288.9 ± 140	<b>263.1 ± 301.7**</b>	<b>31.8 ± 15.9*</b>	16.1 ± 2.6
<b>250 mg/L</b>	38.9 ± 3.7	4.1 ± 0.3	<b>273 ± 130.1*</b>	<b>257.6 ± 327.4**</b>	<b>31.5 ± 13.4*</b>	16 ± 2
<b>500 mg/L</b>	37.3 ± 2.9	4.1 ± 0.3	<b>255.5 ± 126.9**</b>	<b>407.8 ± 383.7**</b>	<b>37.5 ± 11.1**</b>	18.7 ± 2
<b>1000 mg/L</b>	40.3 ± 4.4	4 ± 0.2	<b>242.2 ± 116.7**</b>	<b>129.3 ± 74.3*</b>	<b>30.4 ± 6.1**</b>	15.7 ± 2.3

\*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.

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**MALE**

Treatment Groups	Calcium mg per dL	Chloride mEq per L	Cholesterol mg per dL	Creatine Kinase IU per L	Creatinine U per L	Glucose mg per dL
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**Day 93**

<b>0 mg/L</b>	11.8 ± 0.3	102.7 ± 4.3	87.5 ± 7.8	400.2 ± 213.1	0.6 ± 0.1	151.3 ± 25.5
<b>62.5 mg/L</b>	11.6 ± 0.4	103.3 ± 4.3	82 ± 15.1	434.4 ± 214.6	0.6 ± 0.1	149.6 ± 17.5
<b>125 mg/L</b>	11.7 ± 0.3	103.2 ± 3.6	81.9 ± 10.2	476.9 ± 252.4	0.6 ± 0.1	151.1 ± 21.8
<b>250 mg/L</b>	11.7 ± 0.3	104.3 ± 4.3	<b>70.6 ± 7.9**</b>	504.6 ± 211.3	0.6 ± 0.1	153.1 ± 19.4
<b>500 mg/L</b>	11.5 ± 0.3	103.8 ± 4.1	<b>78.5 ± 10.5**</b>	611.5 ± 260.2	0.6 ± 0.1	144.3 ± 13.3
<b>1000 mg/L</b>	11.8 ± 0.3	104.9 ± 5	<b>73.9 ± 7.6**</b>	514.8 ± 248.4	<b>0.6 ± 0.1**</b>	146.9 ± 12

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**MALE**

Treatment Groups	Phosphorus mg per dL	Potassium mEq per L	Protein Total g per dL	SDH IU per L	Sodium mEq per L	Triglycerides mg per dL
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**Day 93**

<b>0 mg/L</b>	8.1 ± 1.9	5.3 ± 0.6	6.4 ± 0.4	25 ± 8.4	149.9 ± 5.5	191.3 ± 39.5
<b>62.5 mg/L</b>	8 ± 1.7	5.3 ± 0.5	6.2 ± 0.3	35.8 ± 23.3	149.6 ± 5.7	168.2 ± 24.2
<b>125 mg/L</b>	8.1 ± 1.9	5.6 ± 0.5	6.4 ± 0.3	63.3 ± 70.5	149.9 ± 5.5	181.4 ± 40.7
<b>250 mg/L</b>	8.3 ± 1.9	5.5 ± 0.5	6.3 ± 0.4	59.2 ± 67.7	149.9 ± 5.3	163.6 ± 45.7
<b>500 mg/L</b>	8.5 ± 2.2	5.6 ± 0.6	6.2 ± 0.4	94.5 ± 92.1	149.7 ± 5.6	<b>154.8 ± 31.3**</b>
<b>1000 mg/L</b>	8.7 ± 2.1	<b>5.8 ± 0.4**</b>	6.1 ± 0.3	37.6 ± 26.2	150.4 ± 6.2	<b>103.5 ± 24.3**</b>

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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
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**Day 93**

<b>0 mg/L</b>	49.3 ± 7.6	4.5 ± 0.3	261.7 ± 99.6	48.5 ± 19.8	21.3 ± 6.7	16.7 ± 1.2
<b>62.5 mg/L</b>	46.1 ± 8.2	4.3 ± 0.2	273.1 ± 92	<b>243.2 ± 248.8**</b>	<b>37.1 ± 19.2**</b>	18.5 ± 2.5
<b>125 mg/L</b>	46.9 ± 8.1	4.4 ± 0.4	239.7 ± 132.5	<b>141.8 ± 97.1**</b>	<b>30.3 ± 14*</b>	17.6 ± 2.9
<b>250 mg/L</b>	46 ± 9.3	4.3 ± 0.4	<b>215.7 ± 116*</b>	<b>160 ± 109.5**</b>	<b>31.1 ± 9.2**</b>	<b>18.3 ± 2.5*</b>
<b>500 mg/L</b>	50.4 ± 8.3	4.4 ± 0.4	<b>198.9 ± 91.5**</b>	<b>158.5 ± 120.3**</b>	<b>36.4 ± 15.6**</b>	<b>18.8 ± 2**</b>
<b>1000 mg/L</b>	50.1 ± 6	<b>4.1 ± 0.3*</b>	<b>183.9 ± 97**</b>	<b>161.1 ± 100.6**</b>	<b>32.5 ± 12.4**</b>	<b>19.3 ± 2.5**</b>

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**FEMALE**

Treatment Groups	Calcium mg per dL	Chloride mEq per L	Cholesterol mg per dL	Creatine Kinase IU per L	Creatinine U per L	Glucose mg per dL
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**Day 93**

<b>0 mg/L</b>	11.8 ± 0.4	102 ± 2	91 ± 7.6	296.9 ± 151	0.6 ± 0.1	144.2 ± 16.9
<b>62.5 mg/L</b>	11.7 ± 0.5	101.2 ± 1.8	100.7 ± 16.6	367.2 ± 239.6	<b>0.5 ± 0.1**</b>	139 ± 14.1
<b>125 mg/L</b>	11.9 ± 0.4	101.7 ± 3	89.3 ± 14.6	435.8 ± 267.2	<b>0.5 ± 0**</b>	144.4 ± 20.6
<b>250 mg/L</b>	11.6 ± 0.3	103.2 ± 2.6	85.6 ± 10.9	<b>407.8 ± 190.4*</b>	<b>0.5 ± 0**</b>	148.9 ± 17
<b>500 mg/L</b>	11.7 ± 0.3	102.8 ± 1.9	<b>80.5 ± 6.5**</b>	<b>460 ± 191.2**</b>	<b>0.5 ± 0**</b>	147.5 ± 16.6
<b>1000 mg/L</b>	<b>11.5 ± 0.3**</b>	103 ± 2	<b>80.5 ± 12.6**</b>	<b>507.8 ± 253.7**</b>	<b>0.5 ± 0.1**</b>	140.6 ± 18.9

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**Day 93**

<b>0 mg/L</b>	6.8 ± 2.3	5 ± 0.5	6.6 ± 0.5	20.5 ± 5	146.8 ± 2.1	116.4 ± 51.9
<b>62.5 mg/L</b>	7.7 ± 2.4	5.4 ± 0.5	6.3 ± 0.3	60 ± 56.6	146.3 ± 1.9	105.4 ± 31.3
<b>125 mg/L</b>	7.5 ± 2.7	5.5 ± 0.7	6.4 ± 0.6	41.2 ± 32.8	145.9 ± 2.9	96.8 ± 26.2
<b>250 mg/L</b>	6.8 ± 2.9	5.3 ± 0.6	6.3 ± 0.5	47.9 ± 43.9	146.7 ± 1.8	<b>83.2 ± 24.1*</b>
<b>500 mg/L</b>	7.4 ± 2.8	5.3 ± 0.6	6.3 ± 0.5	54.5 ± 61	146.8 ± 1.6	<b>69.4 ± 19.9**</b>
<b>1000 mg/L</b>	7.9 ± 2.6	5.5 ± 0.6	<b>6 ± 0.4**</b>	58.9 ± 52	145.6 ± 2.5	<b>70.8 ± 25.9**</b>

\*\* END OF REPORT \*\*

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