

**Experiment Number:** 20009-01

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

**P43: Terminal Sacrifice Hematology Data**

**Date Report Requested:** 10/24/2014

**Time Report Requested:** 15:45:17

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

**Lab:** NA

**C Number:** C20009

**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	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Large Unstained Cells Count 1000 per uL	Lymphocyte Count 1000 per uL
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Day 93

0 mg/L	0 ± 0	0.1 ± 0.1	49 ± 2	15 ± 0.4	0.1 ± 0	7.1 ± 1.6
78 mg/L	0 ± 0	0.1 ± 0	49.9 ± 2.9	15.3 ± 0.6	0.1 ± 0	7.3 ± 1.4
156 mg/L	0 ± 0	0.1 ± 0	49.5 ± 2.2	15.3 ± 0.5	0.1 ± 0	7.3 ± 2
312 mg/L	0 ± 0	0.1 ± 0	48.2 ± 1.7	14.9 ± 0.4	0.1 ± 0	7 ± 1.6
625 mg/L	0 ± 0	0.1 ± 0.1	49 ± 2.2	15.1 ± 0.4	0.1 ± 0	7.3 ± 1.8
1250 mg/L	0 ± 0	0.1 ± 0	48.4 ± 2.4	15.1 ± 0.5	0.1 ± 0	6.8 ± 1.1

\*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	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL
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**Day 93**

<b>0 mg/L</b>	17.9 ± 1.4	30.7 ± 0.8	58.5 ± 6	0.2 ± 0.1	775.1 ± 170.9	8.4 ± 0.7
<b>78 mg/L</b>	17.9 ± 1.4	30.7 ± 0.8	58.5 ± 6.1	0.2 ± 0	771 ± 138.3	8.6 ± 0.6
<b>156 mg/L</b>	18 ± 1.4	30.9 ± 0.7	58.4 ± 5.4	0.2 ± 0.1	732.2 ± 132.8	8.5 ± 0.5
<b>312 mg/L</b>	18.1 ± 1.5	31 ± 0.7	58.5 ± 5.6	0.2 ± 0.1	716.4 ± 133.2	8.3 ± 0.6
<b>625 mg/L</b>	18.1 ± 1.4	30.9 ± 0.9	58.7 ± 5.9	0.2 ± 0.1	698 ± 204.1	8.4 ± 0.5
<b>1250 mg/L</b>	17.9 ± 1.2	31.2 ± 0.7	57.4 ± 4.5	0.2 ± 0.1	<b>656.8 ± 132.7*</b>	8.5 ± 0.5

\*p < 0.05

\*\*p < 0.01

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MALE

Treatment Groups	Reticulocyte Count 1000 per microliter	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
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Day 93

0 mg/L	279.5 ± 55.9	1.2 ± 0.3	8.8 ± 1.6
78 mg/L	270.8 ± 44.8	1.2 ± 0.4	8.9 ± 1.3
156 mg/L	249 ± 39	1.2 ± 0.3	8.9 ± 1.9
312 mg/L	286.2 ± 58	1.3 ± 0.2	8.7 ± 1.6
625 mg/L	281.8 ± 55.9	1.5 ± 0.5	9.2 ± 1.5
1250 mg/L	<b>202.4 ± 96*</b>	1.4 ± 0.5	8.6 ± 1.3

\*p < 0.05

\*\*p < 0.01

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**FEMALE**

Treatment Groups	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Large Unstained Cells Count 1000 per uL	Lymphocyte Count 1000 per uL
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**Day 93**

<b>0 mg/L</b>	0 ± 0	0.1 ± 0	46.5 ± 2.4	15 ± 0.7	0.1 ± 0	6.6 ± 1.7
<b>78 mg/L</b>	0 ± 0	0.1 ± 0.1	46.7 ± 2.2	15.2 ± 0.6	0.1 ± 0	6.2 ± 2.1
<b>156 mg/L</b>	0 ± 0	0.1 ± 0	46.8 ± 2.4	15.1 ± 0.6	0.1 ± 0	5.5 ± 0.8
<b>312 mg/L</b>	0 ± 0	0.1 ± 0	47.6 ± 2.5	15.3 ± 0.7	0 ± 0	5.9 ± 1.9
<b>625 mg/L</b>	0 ± 0	0.1 ± 0	46.5 ± 2	14.9 ± 0.5	0 ± 0	5.7 ± 1.8
<b>1250 mg/L</b>	0 ± 0	0.1 ± 0	46.1 ± 3.4	14.8 ± 0.7	0.1 ± 0	6.1 ± 1.9

\*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.

## FEMALE

Treatment Groups	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL
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## Day 93

<b>0 mg/L</b>	18.4 ± 0.5	32.2 ± 0.7	57.2 ± 2.3	0.2 ± 0.1	709.9 ± 165.5	8.1 ± 0.3
<b>78 mg/L</b>	18.5 ± 0.6	32.6 ± 0.5	56.9 ± 2.2	0.1 ± 0.1	683.2 ± 130.9	8.2 ± 0.3
<b>156 mg/L</b>	18.4 ± 0.4	32.2 ± 0.8	57.2 ± 2.2	0.1 ± 0.1	685.5 ± 145.4	8.2 ± 0.3
<b>312 mg/L</b>	18.5 ± 0.6	32.3 ± 0.5	57.3 ± 2.4	0.1 ± 0.1	714.4 ± 140.1	8.3 ± 0.3
<b>625 mg/L</b>	18.4 ± 0.6	32.1 ± 0.5	57.4 ± 2.2	0.1 ± 0	690.2 ± 158	8.1 ± 0.3
<b>1250 mg/L</b>	18.3 ± 0.4	32 ± 1	57.2 ± 2.6	0.2 ± 0.1	734.1 ± 182	8.1 ± 0.3

\*p &lt; 0.05

\*\*p &lt; 0.01

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**FEMALE**

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Treatment Groups	Reticulocyte Count 1000 per microliter	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
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**Day 93**

<b>0 mg/L</b>	170.9 ± 43.2	1.2 ± 0.4	8.1 ± 1.7
<b>78 mg/L</b>	174.1 ± 17.1	1 ± 0.4	7.6 ± 2.2
<b>156 mg/L</b>	188.9 ± 37.9	1.1 ± 0.4	6.9 ± 0.8
<b>312 mg/L</b>	<b>191.5 ± 26.5*</b>	1 ± 0.3	7.2 ± 1.9
<b>625 mg/L</b>	<b>195.1 ± 29.9**</b>	1.1 ± 0.3	7 ± 1.8
<b>1250 mg/L</b>	<b>209 ± 33.3**</b>	1.4 ± 0.5	7.8 ± 1.8

**\*\* END OF REPORT \*\***

\*p < 0.05

\*\*p < 0.01

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