

**Experiment Number:** 91001-02

**Species/Strain:** Mouse/B6C3F1

**P43: Terminal Sacrifice Hematology Data**

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

**Time Report Requested:** 17:03:59

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

**Lab:** NA

**C Number:** C91001

**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	Eosinophil Percentage %	Heinz Bodies Pct %	Hematocrit %	Hemoglobin g per dL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg
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Day 94

<b>0 mg/kg</b>	2.9 ± 1.7	0 ± 0	50.2 ± 1.5	16.6 ± 0.3	71.1 ± 10.8	16.5 ± 0.6
<b>10 mg/kg</b>	1.4 ± 1.7	0 ± 0	51.1 ± 3.1	16.7 ± 0.7	74 ± 5.5	16.2 ± 0.4
<b>20 mg/kg</b>	0.8 ± 0.8	0 ± 0	50.1 ± 2.1	16.6 ± 0.4	69.7 ± 5.1	16.3 ± 0.5
<b>40 mg/kg</b>	2.3 ± 1.8	0 ± 0	48.2 ± 2.4	16.2 ± 0.5	66.8 ± 8.5	16.6 ± 0.4
<b>80 mg/kg</b>	1.7 ± 0.9	0.1 ± 0.4	<b>47 ± 2.1**</b>	16.1 ± 0.4	60.9 ± 16.3	<b>17.2 ± 0.5*</b>
<b>160 mg/kg</b>	2.2 ± 1.6	<b>6.4 ± 2.7**</b>	<b>45.5 ± 2.3**</b>	17.3 ± 1	68.8 ± 14.2	<b>19 ± 0.7**</b>

\*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 Concentration %	Mean Corpuscular Volume fL	Monocyte Percentage %	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL	Red Blood Cell Count million per uL
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**Day 94**

<b>0 mg/kg</b>	33.1 ± 1.3	49.7 ± 0.4	0 ± 0	0 ± 0	1092.3 ± 136.3	10.1 ± 0.3
<b>10 mg/kg</b>	32.8 ± 0.9	49.4 ± 0.4	0 ± 0	0 ± 0	1050.1 ± 87.3	10.3 ± 0.6
<b>20 mg/kg</b>	33.1 ± 0.9	49.4 ± 1.1	0.1 ± 0.3	0.1 ± 0.3	1050.2 ± 34.9	10.2 ± 0.5
<b>40 mg/kg</b>	33.7 ± 0.9	49.3 ± 0.5	0.3 ± 0.7	0 ± 0	1025.7 ± 70.7	9.8 ± 0.5
<b>80 mg/kg</b>	<b>34.3 ± 1*</b>	50.2 ± 0.7	0.1 ± 0.3	0 ± 0	1041.6 ± 34	<b>9.4 ± 0.4**</b>
<b>160 mg/kg</b>	<b>37.9 ± 1.1**</b>	50 ± 0.6	0 ± 0	0 ± 0	989.6 ± 96.7	<b>9.1 ± 0.4**</b>

\*p < 0.05

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MALE

Treatment Groups	Reticulocyte Percentage %	Segmented Neutrophil Percentage %	White Blood Cell Count 1000 per uL
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Day 94

0 mg/kg	2.4 ± 0.7	26 ± 10.7	5.4 ± 0.7
10 mg/kg	2.1 ± 0.5	24.6 ± 6	5.3 ± 0.7
20 mg/kg	2.8 ± 0.8	29.4 ± 5	5.5 ± 0.8
40 mg/kg	2.3 ± 0.6	30.6 ± 7.9	5.5 ± 1.2
80 mg/kg	<b>4 ± 0.7**</b>	32.3 ± 9.5	6.1 ± 1.8
160 mg/kg	<b>7.2 ± 1.8**</b>	29 ± 14.6	7.2 ± 3

\*p < 0.05

\*\*p < 0.01

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Lab: NA

## FEMALE

Treatment Groups	Eosinophil Percentage %	Heinz Bodies Pct %	Hematocrit %	Hemoglobin g per dL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg
<b>Day 94</b>						
<b>0 mg/kg</b>	2.5 ± 2.4	0 ± 0	47.7 ± 3	16.7 ± 0.9	72.4 ± 6.4	17.4 ± 0.5
<b>10 mg/kg</b>	1.4 ± 1.2	0 ± 0	46.7 ± 1.7	16.2 ± 0.5	71.1 ± 8.8	17.1 ± 0.4
<b>20 mg/kg</b>	2.8 ± 2	0 ± 0	46.5 ± 1.9	15.9 ± 0.4	68 ± 11.2	17 ± 0.3
<b>40 mg/kg</b>	1.9 ± 0.9	0 ± 0	46.8 ± 1.6	16.1 ± 0.4	71.4 ± 9.9	17.1 ± 0.3
<b>80 mg/kg</b>	1.4 ± 1.2	0 ± 0	<b>45.4 ± 1*</b>	15.6 ± 0.3	70.4 ± 9.4	17 ± 0.3
<b>160 mg/kg</b>	1.7 ± 1.1	<b>6.4 ± 1.4**</b>	<b>44.4 ± 1.7**</b>	16.3 ± 0.7	56.3 ± 16	<b>18.6 ± 0.3*</b>

\*p &lt; 0.05

\*\*p &lt; 0.01

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**FEMALE**

Treatment Groups	Mean Cell Hemoglobin Concentration %	Mean Corpuscular Volume fL	Monocyte Percentage %	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Percentage %
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**Day 94**

<b>0 mg/kg</b>	35 ± 0.5	49.7 ± 0.7	0.7 ± 0.9	965.7 ± 101.7	9.6 ± 0.7	3.1 ± 0.7
<b>10 mg/kg</b>	34.7 ± 0.6	49.5 ± 0.6	0.4 ± 0.5	899.1 ± 65.5	9.5 ± 0.4	3.2 ± 1
<b>20 mg/kg</b>	34.3 ± 0.7	49.7 ± 0.6	0.2 ± 0.7	951.1 ± 102.1	9.4 ± 0.3	3.3 ± 1
<b>40 mg/kg</b>	34.5 ± 0.5	49.5 ± 0.8	0.2 ± 0.6	899 ± 50.8	9.5 ± 0.3	3.6 ± 0.6
<b>80 mg/kg</b>	34.4 ± 0.5	49.4 ± 0.4	0.3 ± 0.9	933.3 ± 58.3	9.2 ± 0.2	<b>4.1 ± 1.1*</b>
<b>160 mg/kg</b>	36.8 ± 0.5	50.5 ± 0.8	0.3 ± 0.5	974.7 ± 61.5	<b>8.8 ± 0.3**</b>	<b>8.1 ± 2.2**</b>

\*p < 0.05

\*\*p < 0.01

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**FEMALE**

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Treatment Groups	Segmented Neutrophil Percentage %	White Blood Cell Count 1000 per uL
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**Day 94**

<b>0 mg/kg</b>	24.4 ± 7.1	4.8 ± 0.8
<b>10 mg/kg</b>	27.1 ± 8.1	4.9 ± 0.7
<b>20 mg/kg</b>	29 ± 10.7	4.5 ± 1.1
<b>40 mg/kg</b>	26.5 ± 10.5	4.3 ± 0.8
<b>80 mg/kg</b>	27.9 ± 9.5	5 ± 0.7
<b>160 mg/kg</b>	<b>41.7 ± 16.7*</b>	<b>7.3 ± 2.3*</b>

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

\*p < 0.05

\*\*p < 0.01

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