

**Experiment Number:** 88036-02

**Species/Strain:** Mouse/B6C3F1

**P43: Terminal Sacrifice Hematology Data**

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

**Time Report Requested:** 04:05:00

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

**Lab:** NA

**C Number:** C88036

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

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## P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 04:05:00

First Dose M/F: NA / NA

Lab: NA

## MALE

Treatment Groups	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
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## Day 92

<b>0 ppm</b>	58.7 ± 59.4	55.6 ± 3.8	17.8 ± 0.8	5012.1 ± 1027	15.6 ± 0.6	32 ± 0.9
<b>1875 ppm</b>	21 ± 24	55.2 ± 3.6	17.9 ± 0.8	3940.1 ± 989.4	16 ± 0.6	32.5 ± 1.1
<b>3750 ppm</b>	45.4 ± 52.4	53.3 ± 2.3	17.3 ± 0.5	4346.8 ± 1638.2	16.1 ± 0.5	32.5 ± 0.8
<b>7500 ppm</b>	23.2 ± 39.9	52.4 ± 2.6	17.1 ± 0.7	4687.7 ± 1171.4	16.1 ± 0.4	32.7 ± 0.9
<b>15000 ppm</b>	81.1 ± 58.9	52.5 ± 4.2	17.4 ± 1.1	6199.5 ± 1881.8	<b>16.3 ± 0.5*</b>	<b>33.3 ± 0.7**</b>
<b>30000 ppm</b>	34.1 ± 41.9	<b>49.4 ± 3.9**</b>	<b>16.7 ± 1*</b>	3963.3 ± 1109.5	<b>16.8 ± 0.6**</b>	<b>33.8 ± 0.9**</b>

\*p &lt; 0.05

\*\*p &lt; 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

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**MALE**

Treatment Groups	Mean Corpuscular Volume fL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
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**Day 92**

<b>0 ppm</b>	48.7 ± 0.8	844.1 ± 108.9	11.4 ± 0.9	121756 ± 65320.9	769.2 ± 258.7	5.8 ± 1.1
<b>1875 ppm</b>	49.3 ± 0.5	888.8 ± 112.6	11.2 ± 0.8	167454 ± 67119.3	678.9 ± 190.2	4.6 ± 1.1
<b>3750 ppm</b>	49.5 ± 0.7	951.5 ± 169.5	10.8 ± 0.5	174230 ± 35150	597.8 ± 310.3	5 ± 1.8
<b>7500 ppm</b>	49.2 ± 0.7	896.1 ± 102	10.6 ± 0.5	159583.3 ± 39327.9	711.3 ± 434.5	5.4 ± 1.3
<b>15000 ppm</b>	49 ± 0.7	<b>1000.9 ± 170.3*</b>	10.7 ± 0.9	<b>201430 ± 68494.7**</b>	779.4 ± 384.3	7.1 ± 2.3
<b>30000 ppm</b>	<b>49.6 ± 0.7*</b>	<b>1005.5 ± 83.9**</b>	<b>10 ± 0.9**</b>	<b>202884 ± 94648.8**</b>	702.6 ± 286.2	4.7 ± 1.1

\*p < 0.05

\*\*p < 0.01

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FEMALE

Treatment Groups	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
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Day 92

<b>0 ppm</b>	46.4 ± 44.7	49.8 ± 0.9	16.6 ± 0.3	2677.4 ± 794.4	16.1 ± 0.4	33.3 ± 0.7
<b>1875 ppm</b>	39.4 ± 25.5	<b>48.3 ± 1**</b>	<b>16.2 ± 0.3*</b>	3030.5 ± 640.3	<b>16.6 ± 0.2**</b>	33.7 ± 0.5
<b>3750 ppm</b>	47.7 ± 39.4	<b>46.7 ± 1.7**</b>	<b>15.8 ± 0.4**</b>	3157 ± 1033.6	<b>16.6 ± 0.2**</b>	33.8 ± 0.5
<b>7500 ppm</b>	62.7 ± 41.7	<b>47.8 ± 1.7**</b>	<b>16.1 ± 0.5*</b>	2920.3 ± 566.3	<b>16.7 ± 0.3**</b>	33.7 ± 0.6
<b>15000 ppm</b>	79.8 ± 79.2	<b>46.6 ± 1**</b>	<b>15.9 ± 0.5**</b>	2883.5 ± 671.6	<b>16.9 ± 0.2**</b>	<b>34.1 ± 0.5**</b>
<b>30000 ppm</b>	43.4 ± 56.3	<b>45.5 ± 1.8**</b>	<b>15.7 ± 0.5**</b>	<b>3628.9 ± 785.4*</b>	<b>17.2 ± 0.3**</b>	<b>34.5 ± 0.7**</b>

\*p < 0.05

\*\*p < 0.01

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**FEMALE**

Treatment Groups	Mean Corpuscular Volume fL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
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**Day 92**

<b>0 ppm</b>	48.2 ± 0.4	889.2 ± 44.1	10.3 ± 0.2	97843 ± 35156.8	596.2 ± 286.6	3.3 ± 0.8
<b>1875 ppm</b>	<b>49.3 ± 0.5**</b>	<b>993.1 ± 52.2**</b>	<b>9.8 ± 0.2**</b>	<b>155500 ± 50310.2*</b>	570.1 ± 274.7	3.6 ± 0.8
<b>3750 ppm</b>	<b>49.4 ± 0.5**</b>	<b>971.9 ± 45**</b>	<b>9.5 ± 0.3**</b>	<b>186964 ± 47506.6**</b>	555.3 ± 177.2	3.8 ± 1.2
<b>7500 ppm</b>	<b>49.7 ± 0.5**</b>	<b>1012.1 ± 100.8**</b>	<b>9.6 ± 0.3**</b>	<b>196758 ± 63495.9**</b>	557 ± 225	3.5 ± 0.6
<b>15000 ppm</b>	<b>49.3 ± 0.5**</b>	<b>1065.3 ± 58.6**</b>	<b>9.4 ± 0.2**</b>	<b>190064 ± 70813.8**</b>	546.7 ± 263.3	3.5 ± 0.9
<b>30000 ppm</b>	<b>50.3 ± 0.8**</b>	<b>1096.6 ± 57.8**</b>	<b>9.1 ± 0.3**</b>	<b>257332 ± 63853.5**</b>	747.7 ± 296.8	<b>4.4 ± 0.9*</b>

\*\* END OF REPORT \*\*

\*p < 0.05

\*\*p < 0.01

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