

Experiment Number: 87003-99

Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:28:44

First Dose M/F: NA / NA

Lab: NA

C Number: C87003

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

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Lab: NA

MALE

Treatment Groups	Eosinophil Count cells per uL	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count cells per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
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Day 24

0 mg/kg	0 ± 0	49.7 ± 7.4	15.9 ± 2.3	8766.4 ± 1501.2	18.8 ± 0.4	31.9 ± 0.4
16 mg/kg	6.1 ± 19.3	51 ± 3.8	16.2 ± 1	7740.2 ± 1661.1	19 ± 0.3	31.9 ± 0.5
32 mg/kg	21.5 ± 45.4	47.1 ± 4.2	15.1 ± 1.3	8429.9 ± 1404.8	19 ± 0.3	32 ± 0.4
64 mg/kg	10.3 ± 32.6	49.5 ± 3.4	15.8 ± 1.1	8654.6 ± 854.3	18.9 ± 0.2	32 ± 0.3
125 mg/kg	18.8 ± 40.2	50.9 ± 6.3	16.5 ± 1.4	8284.2 ± 1588	18.8 ± 0.4	31.7 ± 0.3
250 mg/kg	19.1 ± 40.3	46.2 ± 5.8	14.8 ± 1.8	8613.6 ± 1422.8	19 ± 0.5	32.1 ± 0.5

*p < 0.05

**p < 0.01

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MALE

Treatment Groups	Mean Corpuscular Volume fL	Monocyte Count cells per uL	Nucleated Rbc Count cells per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count cells per uL
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Day 24

0 mg/kg	58.9 ± 1	182.6 ± 124.5	33.2 ± 76.4	858.6 ± 54.2	8.5 ± 1.3	131568 ± 54823.9
16 mg/kg	59.5 ± 1	94.4 ± 49	7.1 ± 22.5	931 ± 49.4	8.6 ± 0.6	136907 ± 42758
32 mg/kg	59.5 ± 0.8	126 ± 110.4	14 ± 44.3	920.3 ± 37.7	7.9 ± 0.6	145626 ± 68107.6
64 mg/kg	59.2 ± 0.8	103.1 ± 83.5	8.9 ± 28.1	889.8 ± 94.2	8.4 ± 0.6	159164 ± 60986
125 mg/kg	59.4 ± 0.9	146.6 ± 81.4	24.4 ± 55.1	868.2 ± 66.4	8.6 ± 1.1	166286 ± 64114.4
250 mg/kg	59.1 ± 1.1	128.8 ± 72.4	37.2 ± 67.1	899.6 ± 70.8	7.8 ± 0.9	138469 ± 53472.3

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MALE

Treatment Groups	Segmented Neutrophil Count cells per uL	White Blood Cell Count 1000 per uL
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Day 24

0 mg/kg	631 ± 202.1	9.3 ± 1.9
16 mg/kg	509.3 ± 237.6	8.3 ± 1.8
32 mg/kg	592.6 ± 141	9.2 ± 1.5
64 mg/kg	642 ± 372.9	9.4 ± 1
125 mg/kg	700.4 ± 302.8	9.2 ± 1.8
250 mg/kg	608.5 ± 144.3	8.6 ± 1.9

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MALE

Treatment Groups	Eosinophil Count cells per uL	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count cells per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
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Day 23

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64 mg/kg	10.3 ± 32.6	49.5 ± 3.4	15.8 ± 1.1	8654.6 ± 854.3	18.9 ± 0.2	32 ± 0.3
125 mg/kg	18.8 ± 40.2	50.9 ± 6.3	16.5 ± 1.4	8284.2 ± 1588	18.8 ± 0.4	31.7 ± 0.3
250 mg/kg	19.1 ± 40.3	46.2 ± 5.8	14.8 ± 1.8	8613.6 ± 1422.8	19 ± 0.5	32.1 ± 0.5

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MALE

Treatment Groups	Mean Corpuscular Volume fL	Monocyte Count cells per uL	Nucleated Rbc Count cells per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count cells per uL
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Day 23

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64 mg/kg	59.2 ± 0.8	103.1 ± 83.5	8.9 ± 28.1	889.8 ± 94.2	8.4 ± 0.6	159164 ± 60986
125 mg/kg	59.4 ± 0.9	146.6 ± 81.4	24.4 ± 55.1	868.2 ± 66.4	8.6 ± 1.1	166286 ± 64114.4
250 mg/kg	59.1 ± 1.1	128.8 ± 72.4	37.2 ± 67.1	899.6 ± 70.8	7.8 ± 0.9	138469 ± 53472.3

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MALE

Treatment Groups	Segmented Neutrophil Count cells per uL	White Blood Cell Count 1000 per uL
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Day 23

0 mg/kg	631 ± 202.1	9.3 ± 1.9
16 mg/kg	509.3 ± 237.6	8.3 ± 1.8
32 mg/kg	592.6 ± 141	9.2 ± 1.5
64 mg/kg	642 ± 372.9	9.4 ± 1
125 mg/kg	700.4 ± 302.8	9.2 ± 1.8
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FEMALE

Treatment Groups	Eosinophil Count cells per uL	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count cells per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
Day 24						
0 mg/kg	0 ± 0	48.2 ± 7.2	15.5 ± 2.2	9446.8 ± 2153.5	19 ± 0.4	32.2 ± 0.5
16 mg/kg	22.5 ± 47.5	51.3 ± 3.2	16.4 ± 1	9306.9 ± 2162.5	19.1 ± 0.4	31.9 ± 0.4
32 mg/kg	70.2 ± 82	49.9 ± 6	16 ± 1.8	8690.4 ± 1397.7	19 ± 0.4	32 ± 0.6
64 mg/kg	36.9 ± 49.2	48.7 ± 4.5	15.7 ± 1.4	9419.4 ± 1993	19.1 ± 0.4	32.2 ± 0.4
125 mg/kg	57.4 ± 68.2	50.2 ± 2.6	16 ± 0.6	9137.3 ± 1380.6	19.1 ± 0.4	31.9 ± 0.4
250 mg/kg	37 ± 59.7	49 ± 1.5	15.8 ± 0.5	10346.2 ± 1273.6	19.1 ± 0.4	32.1 ± 0.4

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Treatment Groups	Mean Corpuscular Volume fL	Monocyte Count cells per uL	Nucleated Rbc Count cells per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count cells per uL
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Day 24

0 mg/kg	59.1 ± 0.6	70 ± 76	9.2 ± 29.1	851.7 ± 77.7	8.2 ± 1.2	97396 ± 101857.7
16 mg/kg	59.8 ± 1.1	157.2 ± 100.1	26.9 ± 46.8	859.5 ± 71.1	8.6 ± 0.6	83490 ± 50095.3
32 mg/kg	59.4 ± 1.1	136.2 ± 88.9	0 ± 0	827.2 ± 86.4	8.4 ± 1	94932 ± 24252.6
64 mg/kg	59.3 ± 1	151.8 ± 106.5	40.9 ± 100	854.2 ± 127	8.2 ± 0.7	86968 ± 62647.3
125 mg/kg	60 ± 1	78.1 ± 76.7	8.2 ± 25.9	799.3 ± 291.4	8.4 ± 0.5	72904 ± 33229.6
250 mg/kg	59.3 ± 0.7	100.3 ± 85.4	35.6 ± 79.3	839.3 ± 86.3	8.3 ± 0.3	89988 ± 34077.3

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FEMALE

Treatment Groups	Segmented Neutrophil Count cells per uL	White Blood Cell Count 1000 per uL
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Day 24

0 mg/kg	723.2 ± 173.6	10 ± 2
16 mg/kg	663.4 ± 368.2	10.2 ± 2.5
32 mg/kg	623.2 ± 271	9.5 ± 1.6
64 mg/kg	741.9 ± 226.7	10.3 ± 1.9
125 mg/kg	637.2 ± 225.5	9.9 ± 1.5
250 mg/kg	736.5 ± 357.2	11.2 ± 1.3

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32 mg/kg	70.2 ± 82	49.9 ± 6	16 ± 1.8	8690.4 ± 1397.7	19 ± 0.4	32 ± 0.6
64 mg/kg	36.9 ± 49.2	48.7 ± 4.5	15.7 ± 1.4	9419.4 ± 1993	19.1 ± 0.4	32.2 ± 0.4
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**** END OF REPORT ****

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