

Experiment Number: 93021-03

Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:23:19

First Dose M/F: NA / NA

Lab: NA

C Number: C93021

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	Band Neutrophil Percentage %	Eosinophil Percentage %	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Lymphocyte Percentage %
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Day 93

0 mg/kg	0 ± 0	0.1 ± 0.1	45 ± 1.6	48.7 ± 2.4	15.9 ± 0.5	7.6 ± 1.6
0.75 mg/kg	0 ± 0	0.1 ± 0.1	44.5 ± 1.9	47.9 ± 2.9	15.8 ± 0.6	6.8 ± 1.4
1.5 mg/kg	0 ± 0*	0.1 ± 0.1	44.9 ± 1.6	48.3 ± 2.5	15.8 ± 0.4	7.2 ± 2.2
3.0 mg/kg	0.1 ± 0.1**	0 ± 0.1	44.5 ± 1.2	47.9 ± 1.9	15.8 ± 0.4	7.7 ± 1.9
6.0 mg/kg	0.4 ± 0.4**	0.1 ± 0.1	44.1 ± 1.1	47.8 ± 1.8	15.6 ± 0.2	8.2 ± 1.8
12.0 mg/kg	0.8 ± 0.2**	0.2 ± 0.2*	44.5 ± 1.5	49.5 ± 1.7	15.6 ± 0.5	8.8 ± 3.6

*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 %	Mean Corpuscular Volume fL	Monocyte Percentage %	Neutrophil Percentage %	Nucleated Rbc Per 100 Wbc per 100 WC
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Day 93

0 mg/kg	19.6 ± 1.6	35.3 ± 0.6	55.3 ± 4.8	0.2 ± 0.1	1 ± 0.3	0.7 ± 0.9
0.75 mg/kg	19.5 ± 1.8	35.5 ± 0.7	54.9 ± 4.8	0.2 ± 0.2	1.2 ± 0.5	0.5 ± 0.8
1.5 mg/kg	19.4 ± 1.8	35.2 ± 0.8	55.1 ± 4.9	0.2 ± 0.2	1.1 ± 0.4	0.4 ± 0.6
3.0 mg/kg	19.5 ± 1.6	35.5 ± 0.7	54.9 ± 4.5	0.2 ± 0.2	2 ± 1.6**	0.2 ± 0.6
6.0 mg/kg	19.4 ± 1.7	35.3 ± 0.7	54.8 ± 4.6	0.4 ± 0.5	5.8 ± 4.6**	0.6 ± 0.8
12.0 mg/kg	20.4 ± 0.4	35 ± 0.5	58.4 ± 0.7	0.6 ± 0.3**	14.2 ± 3.9**	0.3 ± 0.9

*p < 0.05

**p < 0.01

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MALE

Treatment Groups	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Percentage %	White Blood Cell Count 1000 per uL
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Day 93

0 mg/kg	763 ± 58.3	8.2 ± 0.6	0.2 ± 0.1	8.8 ± 1.5
0.75 mg/kg	747.6 ± 71.5	8.1 ± 0.7	0.2 ± 0	8.3 ± 1.7
1.5 mg/kg	743.5 ± 72.6	8.2 ± 0.7	0.2 ± 0	8.5 ± 2.4
3.0 mg/kg	746 ± 105.3	8.2 ± 0.7	0.2 ± 0	10 ± 2.8
6.0 mg/kg	790.7 ± 60.3	8.1 ± 0.8	0.2 ± 0	14.8 ± 6.4**
12.0 mg/kg	788 ± 85.2	7.6 ± 0.3	0.1 ± 0	24.7 ± 5.6**

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FEMALE

Treatment Groups	Band Neutrophil Percentage %	Eosinophil Percentage %	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Lymphocyte Percentage %
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Day 93

0 mg/kg	0 ± 0	0 ± 0.1	46.1 ± 1.3	47.6 ± 1.4	16 ± 0.4	5.8 ± 0.9
0.75 mg/kg	0 ± 0	0.1 ± 0.1	45.8 ± 1.9	47.6 ± 2.2	16.1 ± 0.6	6.2 ± 2.1
1.5 mg/kg	0 ± 0	0 ± 0.1	46.2 ± 1.5	48 ± 1.8	16.1 ± 0.4	6.4 ± 1.6
3.0 mg/kg	0 ± 0	0.1 ± 0.1	45.2 ± 2.7	47.4 ± 2.9	15.8 ± 0.8	6 ± 1.8
6.0 mg/kg	0.1 ± 0.2	0.1 ± 0.1**	44.3 ± 1.8	46.7 ± 2.1	15.5 ± 0.6	7.4 ± 1.9**
12.0 mg/kg	0.2 ± 0.2**	0.2 ± 0.2**	46.1 ± 1.7	48.6 ± 1.2	15.7 ± 0.5	9.6 ± 2.2**

*p < 0.05

**p < 0.01

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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 %	Mean Corpuscular Volume fL	Monocyte Percentage %	Neutrophil Percentage %	Nucleated Rbc Per 100 Wbc per 100 WC
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Day 93

0 mg/kg	20.5 ± 1	34.8 ± 0.7	58.9 ± 2.7	0.1 ± 0.1	1.1 ± 0.4	0.9 ± 0.8
0.75 mg/kg	20.7 ± 1	35.1 ± 0.5	58.9 ± 2.7	0.2 ± 0.2	1 ± 0.5	0.7 ± 1
1.5 mg/kg	20.6 ± 1	34.9 ± 0.5	59 ± 2.8	0.2 ± 0.1	1.2 ± 0.6	0.6 ± 0.8
3.0 mg/kg	20.5 ± 0.8	35 ± 0.7	58.8 ± 2.5	0.2 ± 0.1	1.3 ± 0.8	0.7 ± 0.9
6.0 mg/kg	20.3 ± 0.9	34.9 ± 0.6	58.1 ± 2.6	0.2 ± 0.2	4.2 ± 2.5**	0.2 ± 0.6**
12.0 mg/kg	20.5 ± 0.6	34.2 ± 0.6	60.1 ± 1	0.3 ± 0.3	9.7 ± 2.7**	0.1 ± 0.3**

*p < 0.05

**p < 0.01

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FEMALE

Treatment Groups	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Percentage %	White Blood Cell Count 1000 per uL
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Day 93

0 mg/kg	690.1 ± 84.1	7.8 ± 0.3	0.2 ± 0.1	7.1 ± 0.9
0.75 mg/kg	720.2 ± 85.5	7.8 ± 0.3	0.1 ± 0	7.4 ± 2.5
1.5 mg/kg	689.8 ± 100.2	7.8 ± 0.3	0.1 ± 0	7.9 ± 1.9
3.0 mg/kg	692.1 ± 100	7.7 ± 0.3	0.1 ± 0	7.7 ± 2.3
6.0 mg/kg	710 ± 66	7.6 ± 0.2	0.2 ± 0	12.1 ± 3.9**
12.0 mg/kg	707.3 ± 67.7	7.7 ± 0.4	0.2 ± 0.1	20.1 ± 3.8**

** END OF REPORT **

*p < 0.05

**p < 0.01

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