

Experiment Number: 20327-01
Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014
Time Report Requested: 04:23:27
First Dose M/F: NA / NA
Lab: NA

C Number:	C20327
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

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MALE

Treatment Groups	Basophil Count 1000 per uL	Basophil Percentage %	Eosinophil Count	Eosinophil Percentage %	Hematocrit %	Hematocrit Manual %
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Day 3

0 mg/kg						
10 mg/kg	0 ± 0	0.3 ± 0.2	0.1 ± 0	1 ± 0.4	44.1 ± 0.9	44.8 ± 1.1
20 mg/kg	0 ± 0	0.3 ± 0.1	0.1 ± 0.1	1.1 ± 0.8	43.4 ± 1.1	44 ± 1
40 mg/kg	0 ± 0	0.3 ± 0.1	0.1 ± 0	0.9 ± 0.4	43.8 ± 1.3	44.4 ± 1.2
50 mg/kg	0 ± 0	0.3 ± 0.1	0.1 ± 0	1 ± 0.3	43.7 ± 1.2	44.3 ± 1.1
0 mg/kg						
10 mg/kg	0 ± 0	0.3 ± 0.2	0.1 ± 0	1 ± 0.4	44.1 ± 0.9	44.8 ± 1.1
20 mg/kg	0 ± 0	0.3 ± 0.1	0.1 ± 0.1	1.1 ± 0.8	43.4 ± 1.1	44 ± 1
40 mg/kg	0 ± 0	0.3 ± 0.1	0.1 ± 0	0.9 ± 0.4	43.8 ± 1.3	44.4 ± 1.2
50 mg/kg	0 ± 0	0.3 ± 0.1	0.1 ± 0	1 ± 0.3	43.7 ± 1.2	44.3 ± 1.1
0 mg/kg						
10 mg/kg	0 ± 0	0.3 ± 0.2	0.1 ± 0	1 ± 0.4	44.1 ± 0.9	44.8 ± 1.1
20 mg/kg	0 ± 0	0.3 ± 0.1	0.1 ± 0.1	1.1 ± 0.8	43.4 ± 1.1	44 ± 1
40 mg/kg	0 ± 0	0.3 ± 0.1	0.1 ± 0	0.9 ± 0.4	43.8 ± 1.3	44.4 ± 1.2
50 mg/kg	0 ± 0	0.3 ± 0.1	0.1 ± 0	1 ± 0.3	43.7 ± 1.2	44.3 ± 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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Treatment Groups	Hemoglobin g per dL	Large Unstained Cells Count 1000 per uL	Large Unstained Cells Percentage %	Lymphocyte Count 1000 per uL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg
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Day 3

0 mg/kg						
10 mg/kg	15.2 ± 0.3	0.1 ± 0	1.1 ± 0.6	6 ± 0.8	72 ± 4	17.6 ± 0.4
20 mg/kg	14.9 ± 0.4	0.1 ± 0	0.9 ± 0.4	6 ± 0.8	75.6 ± 2.9	17.3 ± 0.3
40 mg/kg	15.1 ± 0.5	0.1 ± 0	1 ± 0.3	6.1 ± 1	71.8 ± 6.5	17.3 ± 0.3
50 mg/kg	15.1 ± 0.5	0.1 ± 0	1.2 ± 0.4	5.7 ± 0.7	66.8 ± 4.8	17.3 ± 0.3
0 mg/kg						
10 mg/kg	15.2 ± 0.3	0.1 ± 0	1.1 ± 0.6	6 ± 0.8	72 ± 4	17.6 ± 0.4
20 mg/kg	14.9 ± 0.4	0.1 ± 0	0.9 ± 0.4	6 ± 0.8	75.6 ± 2.9	17.3 ± 0.3
40 mg/kg	15.1 ± 0.5	0.1 ± 0	1 ± 0.3	6.1 ± 1	71.8 ± 6.5	17.3 ± 0.3
50 mg/kg	15.1 ± 0.5	0.1 ± 0	1.2 ± 0.4	5.7 ± 0.7	66.8 ± 4.8	17.3 ± 0.3
0 mg/kg						
10 mg/kg	15.2 ± 0.3	0.1 ± 0	1.1 ± 0.6	6 ± 0.8	72 ± 4	17.6 ± 0.4
20 mg/kg	14.9 ± 0.4	0.1 ± 0	0.9 ± 0.4	6 ± 0.8	75.6 ± 2.9	17.3 ± 0.3
40 mg/kg	15.1 ± 0.5	0.1 ± 0	1 ± 0.3	6.1 ± 1	71.8 ± 6.5	17.3 ± 0.3
50 mg/kg	15.1 ± 0.5	0.1 ± 0	1.2 ± 0.4	5.7 ± 0.7	66.8 ± 4.8	17.3 ± 0.3

*p < 0.05

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Treatment Groups	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Monocyte Percentage %	Platelet Count 1000 per uL	Red Blood Cell Count million per uL
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Day 3

0 mg/kg						
10 mg/kg	34.5 ± 0.5	50.9 ± 1.1	0.3 ± 0.1	3.3 ± 0.8	682.8 ± 56.4	8.6 ± 0.2
20 mg/kg	34.3 ± 0.4	50.5 ± 1	0.2 ± 0.1	2.8 ± 0.7	691.9 ± 73.3	8.6 ± 0.2
40 mg/kg	34.4 ± 0.3	50.4 ± 1	0.3 ± 0.1	3.2 ± 0.8	676.6 ± 123.5	8.7 ± 0.3
50 mg/kg	34.5 ± 0.4	50.2 ± 1	0.3 ± 0.1	3.6 ± 1.2	630.9 ± 95	8.7 ± 0.3
0 mg/kg						
10 mg/kg	34.5 ± 0.5	50.9 ± 1.1	0.3 ± 0.1	3.3 ± 0.8	682.8 ± 56.4	8.6 ± 0.2
20 mg/kg	34.3 ± 0.4	50.5 ± 1	0.2 ± 0.1	2.8 ± 0.7	691.9 ± 73.3	8.6 ± 0.2
40 mg/kg	34.4 ± 0.3	50.4 ± 1	0.3 ± 0.1	3.2 ± 0.8	676.6 ± 123.5	8.7 ± 0.3
50 mg/kg	34.5 ± 0.4	50.2 ± 1	0.3 ± 0.1	3.6 ± 1.2	630.9 ± 95	8.7 ± 0.3
0 mg/kg						
10 mg/kg	34.5 ± 0.5	50.9 ± 1.1	0.3 ± 0.1	3.3 ± 0.8	682.8 ± 56.4	8.6 ± 0.2
20 mg/kg	34.3 ± 0.4	50.5 ± 1	0.2 ± 0.1	2.8 ± 0.7	691.9 ± 73.3	8.6 ± 0.2
40 mg/kg	34.4 ± 0.3	50.4 ± 1	0.3 ± 0.1	3.2 ± 0.8	676.6 ± 123.5	8.7 ± 0.3
50 mg/kg	34.5 ± 0.4	50.2 ± 1	0.3 ± 0.1	3.6 ± 1.2	630.9 ± 95	8.7 ± 0.3

*p < 0.05

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Treatment Groups	Reticulocyte Count million per uL	Reticulocyte Percentage %	Segmented Neutrophil Count 1000 per uL	Segmented Neutrophil Percentage %	White Blood Cell Count 1000 per uL
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Day 3

0 mg/kg

10 mg/kg	0.1 ± 0	1.6 ± 0.2	22.3 ± 3.6	8.4 ± 1.1	
20 mg/kg	0.1 ± 0	1.6 ± 0.2	1.5 ± 0.2	19.3 ± 2.5	8 ± 0.9
40 mg/kg	0.1 ± 0	1.5 ± 0.2	1.9 ± 0.6	22.7 ± 6.2	8.5 ± 1.3
50 mg/kg	0.1 ± 0	1.6 ± 0.2	2.3 ± 0.4*	27.1 ± 3.9*	8.6 ± 0.9

0 mg/kg

10 mg/kg	0.1 ± 0	1.6 ± 0.2	22.3 ± 3.6	8.4 ± 1.1	
20 mg/kg	0.1 ± 0	1.6 ± 0.2	1.5 ± 0.2	19.3 ± 2.5	8 ± 0.9
40 mg/kg	0.1 ± 0	1.5 ± 0.2	1.9 ± 0.6	22.7 ± 6.2	8.5 ± 1.3
50 mg/kg	0.1 ± 0	1.6 ± 0.2	2.3 ± 0.4*	27.1 ± 3.9*	8.6 ± 0.9

0 mg/kg

10 mg/kg	0.1 ± 0	1.6 ± 0.2	22.3 ± 3.6	8.4 ± 1.1	
20 mg/kg	0.1 ± 0	1.6 ± 0.2	1.5 ± 0.2	19.3 ± 2.5	8 ± 0.9
40 mg/kg	0.1 ± 0	1.5 ± 0.2	1.9 ± 0.6	22.7 ± 6.2	8.5 ± 1.3
50 mg/kg	0.1 ± 0	1.6 ± 0.2	2.3 ± 0.4*	27.1 ± 3.9*	8.6 ± 0.9

*p < 0.05

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**** END OF REPORT ****

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