Experiment Number: 88148-03
Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/24/2014
Time Report Requested: 15:20:56
First Dose M/F: NA / NA
Lab: NA

C Number:	C88148
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both

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MALE

Treatment Groups	Eosinophil Count	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg
Day 92						
0 mg/kg	0 ± 0.1	41.8 ± 2.2	46.3 ± 2.1	15.1 ± 0.6	8.2 ± 1.5	20.3 ± 2.2
0.1 mg/kg	0 ± 0.1	42.8 ± 2.1	47.1 ± 2	15.3 ± 0.5	8.3 ± 0.9	19.8 ± 2
1.0 mg/kg	0.1 ± 0.1	41.3 ± 2.6	46.3 ± 2.2	15 ± 0.6	8.4 ± 1	20.2 ± 2.3
3.0 mg/kg	0 ± 0	41.7 ± 2.3	46.2 ± 1.6	15 ± 0.5	7.8 ± 1.3	19.8 ± 2.2
10 mg/kg	0 ± 0	40.6 ± 1.2	44.9 ± 1.8	**14.6 ± 0.6***	8.1 ± 1	19.9 ± 1.8
30 mg/kg	0 ± 0.1	**38.7 ± 1.9****	**43.2 ± 2.6****	**13.9 ± 0.9****	**6.3 ± 0.7****	20.4 ± 1.3

*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 g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL
Day 92						
0 mg/kg	36.2 ± 1	56 ± 5.5	0.2 ± 0.2	0 ± 0.1	809.8 ± 98.4	7.6 ± 1
0.1 mg/kg	35.8 ± 0.9	55.1 ± 4.5	0.3 ± 0.2	0.1 ± 0.1	799.6 ± 75.6	7.8 ± 1
1.0 mg/kg	36.4 ± 1.1	55.3 ± 4.8	0.2 ± 0.2	0.1 ± 0.1	819.5 ± 100.9	7.5 ± 1
3.0 mg/kg	36 ± 1.3	54.8 ± 4.3	0.2 ± 0.1	0 ± 0.1	783.8 ± 108.3	7.7 ± 0.9
10 mg/kg	35.9 ± 1	55.3 ± 3.6	0.2 ± 0.2	0 ± 0.1	**710.6 ± 95.5****	7.4 ± 0.5
30 mg/kg	35.9 ± 1.1	56.9 ± 2	0.1 ± 0.1	0 ± 0.1	**605.5 ± 133.3****	6.8 ± 0.3

*p < 0.05

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MALE

Treatment Groups	Reticulocyte Count million per uL	Reticulocyte Percentage %	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
Day 92				
0 mg/kg	0.1 ± 0.1	2 ± 1.3	1.6 ± 0.6	9.9 ± 1.4
0.1 mg/kg	0.1 ± 0	1.8 ± 0.7	1.4 ± 0.5	10 ± 1.2
1.0 mg/kg	0.1 ± 0	1.8 ± 0.8	1.5 ± 0.7	10.2 ± 1.4
3.0 mg/kg	0.1 ± 0.1	1.9 ± 1.1	1.4 ± 0.8	9.4 ± 1.5
10 mg/kg	0.1 ± 0	1.9 ± 0.6	**1.2 ± 0.5***	9.5 ± 1.1
30 mg/kg	**0.2 ± 0****	**2.6 ± 0.6****	**0.9 ± 0.3****	**7.3 ± 0.9****

*p < 0.05

**p < 0.01

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FEMALE

Treatment Groups	Eosinophil Count	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg
Day 92						
0 mg/kg	0.1 ± 0.1	42.5 ± 1.6	45.7 ± 1.4	15.4 ± 0.5	7.9 ± 1.7	21 ± 1.2
0.1 mg/kg	0.1 ± 0.1	42.9 ± 1.2	45.9 ± 1.4	15.5 ± 0.5	8 ± 1.3	21 ± 1.1
1.0 mg/kg	0.1 ± 0.1	42.8 ± 1.5	45.4 ± 1.6	15.4 ± 0.5	8.8 ± 1.2	20.9 ± 1.1
3.0 mg/kg	**0 ± 0.1***	42.5 ± 1.5	45.4 ± 1.7	15.4 ± 0.6	8.3 ± 1.5	20.9 ± 1.1
10 mg/kg	**0 ± 0****	42.2 ± 2.1	**44.4 ± 1.8***	14.9 ± 0.8	8.5 ± 1.3	20.7 ± 0.8
30 mg/kg	**0 ± 0.1****	40.7 ± 2.5	**42.7 ± 2.4****	**14.3 ± 1****	7.8 ± 1.3	20.9 ± 0.5

*p < 0.05

**p < 0.01

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FEMALE

Treatment Groups	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL
Day 92						
0 mg/kg	36.1 ± 0.7	58 ± 3	0.2 ± 0.2	0.1 ± 0.1	802.4 ± 149.6	7.3 ± 0.5
0.1 mg/kg	36.1 ± 0.5	58 ± 2.7	0.2 ± 0.2	0.1 ± 0.1	788.6 ± 105.7	7.4 ± 0.3
1.0 mg/kg	35.9 ± 0.7	58.2 ± 2.7	0.2 ± 0.2	0.1 ± 0.1	787.2 ± 93.8	7.4 ± 0.4
3.0 mg/kg	36.3 ± 0.7	57.7 ± 2.1	0.2 ± 0.1	0.1 ± 0.1	734.6 ± 80.6	7.4 ± 0.3
10 mg/kg	**35.4 ± 0.5****	58.4 ± 1.9	0.1 ± 0.1	0.1 ± 0.1	**685.6 ± 82.4****	7.2 ± 0.2
30 mg/kg	**35 ± 0.6****	59.8 ± 0.7	0.2 ± 0.1	0.1 ± 0.1	**675.1 ± 74.8****	**6.8 ± 0.4****

*p < 0.05

**p < 0.01

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FEMALE

Treatment Groups	Reticulocyte Count million per uL	Reticulocyte Percentage %	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
Day 92				
0 mg/kg	0.1 ± 0	1.2 ± 0.7	1.5 ± 0.5	9.7 ± 2
0.1 mg/kg	**0.1 ± 0***	**1.5 ± 0.3***	1.6 ± 1.4	9.9 ± 2.5
1.0 mg/kg	**0.1 ± 0***	**1.6 ± 0.7***	1.5 ± 0.6	10.6 ± 1.4
3.0 mg/kg	**0.1 ± 0.1****	**1.7 ± 0.7***	1.4 ± 0.6	9.9 ± 1.6
10 mg/kg	**0.1 ± 0.1****	**1.8 ± 0.8****	1.5 ± 0.5	10.2 ± 1.5
30 mg/kg	**0.2 ± 0****	**2.3 ± 0.5****	1.2 ± 0.4	9.2 ± 1.5

** END OF REPORT **

*p < 0.05

**p < 0.01

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