**Experiment Number:** 93022-03
**Species/Strain:** Rat/Fischer 344

**P43: Terminal Sacrifice Hematology Data**

**Date Report Requested:** 10/24/2014
**Time Report Requested:** 12:52:28
**First Dose M/F:** NA / NA
**Lab:** NA

| | |
|---|---|
| **C Number:** | C93022B |
| **Cage Range:** | All |
| **Date Range:** | All |
| **Reasons For Removal:** | All |
| **Removal Date Range:** | All |
| **Treatment Groups:** | All |
| **Study Gender:** | Both |

## MALE

| Treatment Groups | Basophil Count 1000 per uL | Eosinophil Count | Hematocrit % | Hemoglobin g per dL | Large Unstained Cells Count 1000 per uL | Lymphocyte Count 1000 per uL |
|---|---|---|---|---|---|---|
| **Day 94** | | | | | | |
| **0 mg/kg** | 0.1 ± 0 | 0.1 ± 0 | 45.8 ± 1.1 | 15.3 ± 0.4 | 0.2 ± 0 | 7 ± 1.2 |
| **50 mg/kg** | 0.1 ± 0 | 0.1 ± 0 | 44.3 ± 1.4 | 14.9 ± 0.4 | 0.2 ± 0 | 7.4 ± 1.2 |
| **100 mg/kg** | 0.1 ± 0 | 0.1 ± 0 | 45.5 ± 1.2 | 14.9 ± 0.3 | 0.1 ± 0 | 6.7 ± 1.3 |
| **200 mg/kg** | 0.1 ± 0 | 0.1 ± 0 | 45.1 ± 1 | 15 ± 0.3 | 0.1 ± 0 | 6.8 ± 1.7 |
| **400 mg/kg** | 0.1 ± 0 | 0.1 ± 0 | 46.4 ± 1.6 | 15.3 ± 0.3 | 0.1 ± 0.1 | 6.6 ± 1.3 |
| **800 mg/kg** | 0.1 ± 0 | 0.1 ± 0 | **48.6 ± 2.8*** | 15.8 ± 0.8 | **0.1 ± 0**** | **5 ± 1.7**** |

*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 g per dL | Mean Corpuscular Volume fL | Monocyte Count 1000 per uL | Neutrophil Count 1000 per uL | Platelet Count 1000 per uL |
|---|---|---|---|---|---|---|
| **Day 94** | | | | | | |
| **0 mg/kg** | 16.9 ± 0.3 | 33.4 ± 0.6 | 50.8 ± 0.4 | 0.1 ± 0 | 1.2 ± 0.3 | 758.9 ± 91.5 |
| **50 mg/kg** | 16.9 ± 0.1 | 33.7 ± 0.5 | 50.3 ± 0.7 | 0.1 ± 0.1 | 1.2 ± 0.3 | 759.4 ± 77 |
| **100 mg/kg** | 16.6 ± 0.2 | 32.8 ± 0.5 | 50.6 ± 0.7 | 0.1 ± 0 | 1.2 ± 0.5 | 649.4 ± 57 |
| **200 mg/kg** | 16.9 ± 0.3 | 33.3 ± 0.5 | 50.7 ± 0.6 | 0.1 ± 0 | 1.2 ± 0.4 | 700.5 ± 38.8 |
| **400 mg/kg** | 16.7 ± 0.3 | **32.9 ± 0.7\*** | 50.8 ± 0.6 | 0.1 ± 0 | 1.3 ± 0.3 | **674.4 ± 41.6\*** |
| **800 mg/kg** | 16.9 ± 0.2 | **32.5 ± 0.5\*\*** | **52 ± 0.4\*\*** | 0.1 ± 0 | 1.5 ± 0.5 | **662.4 ± 25.5\*\*** |

*p < 0.05

**p < 0.01

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## MALE

| Treatment Groups | Red Blood Cell Count million per uL | Reticulocyte Count million per uL | White Blood Cell Count 1000 per uL |
|---|---|---|---|
| | | **Day 94** | |
| **0 mg/kg** | 9 ± 0.2 | 0.2 ± 0 | 8.3 ± 1 |
| **50 mg/kg** | 8.8 ± 0.3 | 0.2 ± 0 | 8.5 ± 1.6 |
| **100 mg/kg** | 9 ± 0.2 | 0.2 ± 0 | 8.3 ± 1.3 |
| **200 mg/kg** | 8.9 ± 0.2 | **0.2 ± 0**\*\* | 7.7 ± 1.3 |
| **400 mg/kg** | 9.1 ± 0.2 | **0.3 ± 0**\*\* | 8 ± 1.7 |
| **800 mg/kg** | 9.3 ± 0.5 | **0.3 ± 0**\*\* | **5.9 ± 1.7**\*\* |

\*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.

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**Lab:** NA

## FEMALE

| Treatment Groups | Basophil Count 1000 per uL | Eosinophil Count | Hematocrit % | Hemoglobin g per dL | Large Unstained Cells Count 1000 per uL | Lymphocyte Count 1000 per uL |
|---|---|---|---|---|---|---|
| **Day 94** | | | | | | |
| **0 mg/kg** | 0.1 ± 0.1 | 0.1 ± 0 | 44.4 ± 1.6 | 15.1 ± 0.4 | 0.2 ± 0.1 | 7 ± 1.8 |
| **50 mg/kg** | 0.1 ± 0 | 0.1 ± 0 | 44.8 ± 1.3 | 15.1 ± 0.5 | 0.2 ± 0.1 | 7 ± 1.2 |
| **100 mg/kg** | 0.1 ± 0 | 0.1 ± 0 | 43.9 ± 1 | 14.9 ± 0.2 | 0.2 ± 0 | 7.2 ± 1.3 |
| **200 mg/kg** | 0.1 ± 0 | 0.1 ± 0 | 44.7 ± 1.5 | 14.9 ± 0.4 | 0.2 ± 0.1 | 6.7 ± 1.1 |
| **400 mg/kg** | 0.1 ± 0 | **0.1 ± 0\*** | 44.4 ± 0.9 | 15 ± 0.5 | 0.2 ± 0.1 | 6.1 ± 1.6 |
| **800 mg/kg** | 0.1 ± 0 | **0.1 ± 0\*\*** | **48.2 ± 1.6\*\*** | **16 ± 0.3\*\*** | 0.1 ± 0 | **5.2 ± 1.7\*\*** |

*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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## FEMALE

| Treatment Groups | Mean Cell Hemoglobin pg | Mean Cell Hemoglobin Concentration g per dL | Mean Corpuscular Volume fL | Monocyte Count 1000 per uL | Neutrophil Count 1000 per uL | Platelet Count 1000 per uL |
|---|---|---|---|---|---|---|
| **Day 94** | | | | | | |
| **0 mg/kg** | 18.4 ± 0.3 | 34 ± 0.5 | 54.1 ± 0.5 | 0.1 ± 0 | 1.3 ± 0.2 | 764.5 ± 49.8 |
| **50 mg/kg** | 18.3 ± 0.2 | 33.7 ± 0.6 | 54.2 ± 0.5 | 0.1 ± 0 | 1.2 ± 0.3 | 687.1 ± 194.9 |
| **100 mg/kg** | 18.4 ± 0.2 | 34 ± 0.7 | 54.1 ± 0.7 | 0.1 ± 0 | 1.2 ± 0.4 | 718.5 ± 22.1 |
| **200 mg/kg** | 18.2 ± 0.2 | 33.4 ± 0.7 | 54.4 ± 0.8 | 0.1 ± 0 | 1.2 ± 0.3 | 764.3 ± 37.9 |
| **400 mg/kg** | 18.2 ± 0.2 | 33.7 ± 0.6 | 54.2 ± 0.7 | 0.1 ± 0 | 1.2 ± 0.3 | 745.2 ± 37.8 |
| **800 mg/kg** | 18.1 ± 0.2 | **33.2 ± 0.6\*\*** | 54.6 ± 0.7 | 0.1 ± 0 | 1.4 ± 0.4 | **693.9 ± 36.2\*\*** |

\*$p < 0.05$

\*\*$p < 0.01$

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## FEMALE

| Treatment Groups | Red Blood Cell Count million per uL | Reticulocyte Count million per uL | White Blood Cell Count 1000 per uL |
|---|---|---|---|
| | | **Day 94** | |
| **0 mg/kg** | 8.2 ± 0.3 | 0.2 ± 0 | 7.2 ± 0.9 |
| **50 mg/kg** | 8.3 ± 0.2 | 0.2 ± 0 | 8.1 ± 1.2 |
| **100 mg/kg** | 8.1 ± 0.1 | 0.2 ± 0 | 8.1 ± 0.9 |
| **200 mg/kg** | 8.2 ± 0.2 | 0.2 ± 0 | 8 ± 1.1 |
| **400 mg/kg** | 8.2 ± 0.2 | 0.2 ± 0 | 6.9 ± 1.4 |
| **800 mg/kg** | **8.8 ± 0.3\*\*** | 0.2 ± 0 | 5.6 ± 1.3 |

** END OF REPORT **

*p < 0.05

**p < 0.01

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