

Experiment Number: 20303-04

Species/Strain: Mouse/B6C3F1

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 06:04:48

First Dose M/F: NA / NA

Lab: NA

C Number: C20303

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 20303-04

Species/Strain: Mouse/B6C3F1

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 06:04:48

First Dose M/F: NA / NA

Lab: NA

MALE

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

Day 95

0 ppm	0 ± 0	0.4 ± 0.3	0 ± 0	1.6 ± 0.7	50.4 ± 1.3	49.9 ± 1.5
6.25 ppm	0 ± 0	0.6 ± 0.4	0 ± 0	1.9 ± 0.7	49.1 ± 1.3	48.6 ± 1
12.5 ppm	0 ± 0	0.5 ± 0.3	0 ± 0	1.2 ± 0.5	48.1 ± 0.9**	47.8 ± 1.1**
25 ppm	0 ± 0	0.6 ± 0.4	0 ± 0	1.6 ± 1.1	47.2 ± 0.9**	46.5 ± 1.2**
50 ppm	0 ± 0	0.7 ± 0.6	0 ± 0	1.7 ± 1.1	46.9 ± 1.2**	45.9 ± 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.

Experiment Number: 20303-04

Species/Strain: Mouse/B6C3F1

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 06:04:48

First Dose M/F: NA / NA

Lab: NA

MALE

Treatment Groups	Hemoglobin g per dL	Howell Jolly Pct Rbc %	Lymphocyte Count 1000 per uL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
------------------	---------------------	------------------------	------------------------------	-------------------------	-------------------------	---

Day 95

0 ppm	15.5 ± 0.3	0.2 ± 0.1	2.1 ± 0.8	84.3 ± 3.6	15.2 ± 0.2	30.8 ± 0.5
6.25 ppm	15.1 ± 0.4	0.1 ± 0.1	2.1 ± 0.9	83.8 ± 3.5	15.2 ± 0.3	30.8 ± 0.5
12.5 ppm	14.9 ± 0.3**	0.2 ± 0.1	2.1 ± 0.8	82.7 ± 6.7	15.3 ± 0.2	30.9 ± 0.3
25 ppm	14.5 ± 0.3**	0.2 ± 0.1	1.9 ± 0.8	82.7 ± 4.3	15.2 ± 0.1	30.6 ± 0.3
50 ppm	14.2 ± 0.4**	0.1 ± 0.1	2.2 ± 1.1	83.7 ± 4.4	15.2 ± 0.1	30.4 ± 0.4

*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.

Experiment Number: 20303-04

Species/Strain: Mouse/B6C3F1

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 06:04:48

First Dose M/F: NA / NA

Lab: NA

MALE

Treatment Groups	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Monocyte Percentage %	Nucleated Rbc Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL
------------------	----------------------------	----------------------------	-----------------------	---------------------------------	--------------------------------------	----------------------------

Day 95

0 ppm	49.5 ± 0.7	0 ± 0	1.1 ± 1	2.5 ± 0.9	0.1 ± 0.3	866.7 ± 49.4
6.25 ppm	49.4 ± 0.5	0 ± 0	2.8 ± 2.4	2.4 ± 1	0 ± 0	846.8 ± 50.2
12.5 ppm	49.4 ± 0.6	0.1 ± 0.1	3 ± 2.3	2.5 ± 0.9	0 ± 0	898.2 ± 46.9
25 ppm	49.5 ± 0.7	0 ± 0	2.1 ± 1.6	2.2 ± 0.9	0 ± 0	970.3 ± 33.8**
50 ppm	49.9 ± 0.7	0 ± 0	2.3 ± 2.5	2.6 ± 1.2	0 ± 0	993.4 ± 33.5**

*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.

Experiment Number: 20303-04

Species/Strain: Mouse/B6C3F1

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 06:04:48

First Dose M/F: NA / NA

Lab: NA

MALE

Treatment Groups	Red Blood Cell Count million per uL	Reticulocyte Count 1000 per microliter	Reticulocyte Percentage count per 100 RBC	Segmented Neutrophil Count 1000 per uL	Segmented Neutrophil Percentage %	White Blood Cell Count 1000 per uL
------------------	--	---	--	---	--------------------------------------	---------------------------------------

Day 95

0 ppm	10.2 ± 0.3	247.7 ± 46	24.4 ± 4.8	0.3 ± 0.1	12.6 ± 3	2.5 ± 0.9
6.25 ppm	10 ± 0.3	236.9 ± 33.6	23.8 ± 3.4	0.3 ± 0.1	11 ± 1.6	2.4 ± 1
12.5 ppm	9.7 ± 0.2**	237.5 ± 46.7	24.4 ± 4.9	0.3 ± 0.2	12.6 ± 5.4	2.5 ± 0.9
25 ppm	9.5 ± 0.2**	242.2 ± 44.9	25.4 ± 4.6	0.3 ± 0.1	13.1 ± 4.3	2.2 ± 0.9
50 ppm	9.4 ± 0.2**	241 ± 50.8	25.8 ± 5.8	0.3 ± 0.1	11.5 ± 2.4	2.6 ± 1.2

*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.

Experiment Number: 20303-04

Species/Strain: Mouse/B6C3F1

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 06:04:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

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

Day 95

0 ppm	0 ± 0	0.5 ± 0.2	0 ± 0	0.9 ± 0.6	50.7 ± 1.2	50.1 ± 1.1
6.25 ppm	0 ± 0	0.8 ± 0.5	0 ± 0	1.1 ± 0.7	50 ± 1.1	50 ± 1.3
12.5 ppm	0 ± 0	0.5 ± 0.2	0 ± 0	0.9 ± 0.5	50.4 ± 1.2	49.8 ± 1
25 ppm	0 ± 0	0.6 ± 0.3	0 ± 0	0.7 ± 0.6	49.9 ± 1.2	49.2 ± 1.1
50 ppm	0 ± 0	0.6 ± 0.4	0 ± 0	1.3 ± 0.7	48.7 ± 1.5	48.2 ± 1.4
100 ppm	0 ± 0	0.5 ± 0.3	0 ± 0	0.8 ± 0.5	50.5 ± 0.9	50.2 ± 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.

FEMALE

Treatment Groups	Hemoglobin g per dL	Howell Jolly Pct Rbc %	Lymphocyte Count 1000 per uL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
------------------	------------------------	------------------------------	------------------------------------	-------------------------------	-------------------------------	--

Day 95

0 ppm	15.9 ± 0.4	0.2 ± 0.1	2.5 ± 0.7	84.3 ± 2.9	15.6 ± 0.3	31.3 ± 0.4
6.25 ppm	15.7 ± 0.4	0.2 ± 0.1	2.4 ± 0.4	84.7 ± 3.5	15.7 ± 0.2	31.4 ± 0.3
12.5 ppm	15.7 ± 0.4	0.1 ± 0.1	2.1 ± 0.5	86.5 ± 2.6	15.7 ± 0.1	31.2 ± 0.3
25 ppm	15.6 ± 0.5	0.2 ± 0.1	2.8 ± 1.1	86.4 ± 4.2	15.7 ± 0.2	31.3 ± 0.4
50 ppm	15.3 ± 0.4	0.1 ± 0.1	2.7 ± 0.9	82.9 ± 8.3	15.7 ± 0.1	31.4 ± 0.2
100 ppm	15.7 ± 0.3	0.2 ± 0.1	3.2 ± 0.9	88.5 ± 2.7	16 ± 0.1**	31.2 ± 0.3

*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.

FEMALE

Treatment Groups	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Monocyte Percentage %	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL
------------------	-------------------------------	-------------------------------	--------------------------	------------------------------------	-------------------------------	--

Day 95

0 ppm	49.8 ± 0.8	0 ± 0	1.4 ± 0.8	2.9 ± 0.8	751.2 ± 36.1	10.2 ± 0.3
6.25 ppm	50 ± 0.5	0.1 ± 0	2.1 ± 1.6	2.8 ± 0.5	781.4 ± 54.2	10 ± 0.3
12.5 ppm	50.3 ± 0.6	0.1 ± 0	1.9 ± 1.1	2.5 ± 0.6	801.8 ± 42*	10 ± 0.2
25 ppm	50 ± 0.8	0.1 ± 0	2.2 ± 1.4	3.2 ± 1.2	833.2 ± 42.5**	10 ± 0.3
50 ppm	50 ± 0.4	0.1 ± 0	1.9 ± 1.8	3.2 ± 0.9	853 ± 47.1**	9.7 ± 0.3**
100 ppm	51.5 ± 0.5**	0.1 ± 0	1.8 ± 0.8	3.6 ± 1	864.3 ± 69.2**	9.8 ± 0.2**

*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.

Experiment Number: 20303-04

Species/Strain: Mouse/B6C3F1

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 06:04:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Treatment Groups	Reticulocyte Count 1000 per microliter	Reticulocyte Percentage count per 100 RBC	Segmented Neutrophil Count 1000 per uL	Segmented Neutrophil Percentage %	White Blood Cell Count 1000 per uL
------------------	---	--	---	--------------------------------------	---------------------------------------

Day 95

0 ppm	213.2 ± 30.9	20.9 ± 2.7	0.4 ± 0.1	12.9 ± 3.3	2.9 ± 0.8
6.25 ppm	195.7 ± 53.2	19.5 ± 5.1	0.3 ± 0.1	11.3 ± 2.7	2.8 ± 0.5
12.5 ppm	195.8 ± 40.5	19.5 ± 3.8	0.3 ± 0.1	10.2 ± 2.1	2.5 ± 0.6
25 ppm	184.7 ± 41.5	18.5 ± 4.1	0.3 ± 0.2	10.1 ± 3.1	3.2 ± 1.2
50 ppm	200.3 ± 48	20.5 ± 4.6	0.4 ± 0.2	13.3 ± 7.9	3.2 ± 0.9
100 ppm	154.7 ± 59.7	15.8 ± 6.3	0.3 ± 0.1	8.3 ± 1.7*	3.6 ± 1

**** END OF REPORT ****

*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.