

**Experiment Number:** 20011-04

**Species/Strain:** Mouse/B6C3F1

**P44: Hematology Data**

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 05:34:45

**First Dose M/F:** NA / NA

**Lab:** NA

**C Number:** C20011

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

Experiment Number: 20011-04

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Time Report Requested: 05:34:45

First Dose M/F: NA / NA

Lab: NA

## MALE

Animal No.	Dose	Time In Study	Band Neutrophil Percentage %	Basophil Percentage %	Cell Count	Eosinophil Percentage %
0001_04	0 ppm	Day : 95	0	0	100	1
0002_04	0 ppm	Day : 95	0	0.803	100	2.51
0003_04	0 ppm	Day : 95	0	0.535	100	0.725
0004_04	0 ppm	Day : 95	0	0.366	100	4.4
0005_04	0 ppm	Day : 95	0	1.35	100	3.1
0006_04	0 ppm	Day : 95	0	0.85	100	1.88
0007_04	0 ppm	Day : 95	0	0.918	100	3.06
0008_04	0 ppm	Day : 95	0	0.227	100	1.99
0009_04	0 ppm	Day : 95	0	1.01	100	3.36
0010_04	0 ppm	Day : 95	0	0.324	100	3.42
0201_04	62.5 ppm	Day : 95	0	0.258	100	1.03
0202_04	62.5 ppm	Day : 95	0	0.155	100	4.48
0203_04	62.5 ppm	Day : 95	0	0.253	100	0.918
0204_04	62.5 ppm	Day : 95	0	0.096	100	2.56
0205_04	62.5 ppm	Day : 95	0	0.424	100	0.501
0206_04	62.5 ppm	Day : 95	0	0.896	100	1.6
0207_04	62.5 ppm	Day : 95	0	0.309	100	0.926
0208_04	62.5 ppm	Day : 95	0	0.112	100	1.86
0209_04	62.5 ppm	Day : 95	0	1.4	100	2.74
0210_04	62.5 ppm	Day : 95	0	0.231	100	4.31
0401_04	125 ppm	Day : 95	0	0.705	100	1.68
0402_04	125 ppm	Day : 95	0	0.224	100	0.831

## MALE

Animal No.	Dose	Time In Study	Band Neutrophil Percentage %	Basophil Percentage %	Cell Count	Eosinophil Percentage %
0403_04	125 ppm	Day : 95	0	0.44	100	1.17
0404_04	125 ppm	Day : 95	0	0.839	100	2.89
0405_04	125 ppm	Day : 95	0	0.224	100	0.196
0406_04	125 ppm	Day : 95	0	0.152	100	3.08
0407_04	125 ppm	Day : 95	0	0.197	100	0.865
0408_04	125 ppm	Day : 95	0	1.32	100	3.64
0409_04	125 ppm	Day : 95	0	1.03	100	3.65
0410_04	125 ppm	Day : 95	0	0.355	100	2.59
0601_04	250 ppm	Day : 95	0	0.279	100	2.83
0602_04	250 ppm	Day : 95	0	0.907	100	1.56
0603_04	250 ppm	Day : 95	0	0.287	100	0.478
0604_04	250 ppm	Day : 95	0	0.288	100	0.504
0605_04	250 ppm	Day : 95	0	0.104	100	3.12
0606_04	250 ppm	Day : 95	0	0.378	100	2.42
0607_04	250 ppm	Day : 95	0	0.372	100	1.78
0608_04	250 ppm	Day : 95	0	0.329	100	2.27
0609_04	250 ppm	Day : 95	0	0	100	3
0610_04	250 ppm	Day : 95	NT	NT	NT	NT
0801_04	500 ppm	Day : 95	0	0.206	100	0.619
0802_04	500 ppm	Day : 95	NT	NT	NT	NT
0803_04	500 ppm	Day : 95	NT	NT	NT	NT
0804_04	500 ppm	Day : 95	0	0.07	100	0.454

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**MALE**

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Animal No.	Dose	Time In Study	Band Neutrophil Percentage %	Basophil Percentage %	Cell Count	Eosinophil Percentage %
0804_04	500 ppm	Day : 95	0	0.07	100	0.454
0805_04	500 ppm	Day : 95	0	0.327	100	2.62
0806_04	500 ppm	Day : 95	NT	NT	NT	NT
0807_04	500 ppm	Day : 95	0	0.458	100	1.66
0808_04	500 ppm	Day : 95	NT	NT	NT	NT
0809_04	500 ppm	Day : 95	0	0.277	100	2.42
0810_04	500 ppm	Day : 95	0	0.135	100	2.1

## MALE

Animal No.	Dose	Time In Study	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Howell Jolly Pct Rbc %
0001_04	0 ppm	Day : 95	49.6	49	15.7	0.2
0002_04	0 ppm	Day : 95	48.3	47	15.4	0
0003_04	0 ppm	Day : 95	50.5	50	16	0.1
0004_04	0 ppm	Day : 95	47.2	47	15.1	0.2
0005_04	0 ppm	Day : 95	48.1	47	15.1	0.2
0006_04	0 ppm	Day : 95	46	48.5	14.1	0.2
0007_04	0 ppm	Day : 95	47.5	47.5	15.1	0
0008_04	0 ppm	Day : 95	46.5	47	15	0
0009_04	0 ppm	Day : 95	46.2	46	14.7	0.1
0010_04	0 ppm	Day : 95	49.1	49	15.5	0
0201_04	62.5 ppm	Day : 95	48.6	49	15.4	0.1
0202_04	62.5 ppm	Day : 95	49.4	47.5	15.3	0.1
0203_04	62.5 ppm	Day : 95	48.6	48	15.5	0.2
0204_04	62.5 ppm	Day : 95	47.7	47.5	15.2	0.1
0205_04	62.5 ppm	Day : 95	49.6	49.5	15.8	0.1
0206_04	62.5 ppm	Day : 95	49.3	47	15.4	0.2
0207_04	62.5 ppm	Day : 95	49.6	49	15.9	0.1
0208_04	62.5 ppm	Day : 95	50.6	49.5	16	0.1
0209_04	62.5 ppm	Day : 95	49.4	49	15.3	0.2
0210_04	62.5 ppm	Day : 95	48.7	47.5	15.4	0.3
0401_04	125 ppm	Day : 95	49.1	48	15.3	0.3
0402_04	125 ppm	Day : 95	49.8	49	15.9	0.2

## MALE

Animal No.	Dose	Time In Study	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Howell Jolly Pct Rbc %
0403_04	125 ppm	Day : 95	49.6	48	15.9	0.2
0404_04	125 ppm	Day : 95	51.3	50	16.1	0.3
0405_04	125 ppm	Day : 95	51.8	51	16.4	0.2
0406_04	125 ppm	Day : 95	48.9	48	15.5	0.2
0407_04	125 ppm	Day : 95	48.5	48	15.4	0
0408_04	125 ppm	Day : 95	50.8	50	15.9	0.3
0409_04	125 ppm	Day : 95	50.4	50	15.9	0.4
0410_04	125 ppm	Day : 95	50.8	51	16.2	0.2
0601_04	250 ppm	Day : 95	48.5	47.5	15.4	0.1
0602_04	250 ppm	Day : 95	50	49.5	15.9	0.3
0603_04	250 ppm	Day : 95	49.4	48	15.3	0
0604_04	250 ppm	Day : 95	48.6	48	15.4	0
0605_04	250 ppm	Day : 95	49.1	48	15.3	0
0606_04	250 ppm	Day : 95	48.7	48	15.4	0.4
0607_04	250 ppm	Day : 95	49.4	47.5	15.3	0.3
0608_04	250 ppm	Day : 95	49.1	48.5	15.3	0.5
0609_04	250 ppm	Day : 95	48.9	48	15.2	0
0610_04	250 ppm	Day : 95	DEAD	DEAD	DEAD	NT
0801_04	500 ppm	Day : 95	47.7	48.5	14.8	0.3
0802_04	500 ppm	Day : 95	DEAD	DEAD	DEAD	NT
0803_04	500 ppm	Day : 95	DEAD	DEAD	DEAD	NT
0804_04	500 ppm	Day : 95	45.9	46	14.1	0

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Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Howell Jolly Pct Rbc %
0804_04	500 ppm	Day : 95	45.9	46	14.1	0
0805_04	500 ppm	Day : 95	49.9	48	15.3	0
0806_04	500 ppm	Day : 95	DEAD	DEAD	DEAD	NT
0807_04	500 ppm	Day : 95	50.8	49.5	15.6	0.1
0808_04	500 ppm	Day : 95	DEAD	DEAD	DEAD	NT
0809_04	500 ppm	Day : 95	49.2	48	15.3	0.2
0810_04	500 ppm	Day : 95	49.6	47.5	15.3	0.2

## MALE

Animal No.	Dose	Time In Study	Lymphocyte Percentage %	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL
0001_04	0 ppm	Day : 95	84	15.5	31.6	49
0002_04	0 ppm	Day : 95	75.4	15.6	31.9	49.1
0003_04	0 ppm	Day : 95	89.2	15.9	31.8	49.9
0004_04	0 ppm	Day : 95	83.3	15.6	32	48.8
0005_04	0 ppm	Day : 95	78	14.9	31.3	47.6
0006_04	0 ppm	Day : 95	83.8	15	30.7	48.8
0007_04	0 ppm	Day : 95	79.7	15.7	31.8	49.4
0008_04	0 ppm	Day : 95	78.6	15.9	32.3	49.3
0009_04	0 ppm	Day : 95	80.2	15.4	31.9	48.5
0010_04	0 ppm	Day : 95	87.4	15.4	31.7	48.7
0201_04	62.5 ppm	Day : 95	85	15.5	31.6	49.2
0202_04	62.5 ppm	Day : 95	85.2	15.4	31	49.7
0203_04	62.5 ppm	Day : 95	87.9	15.6	31.8	49.1
0204_04	62.5 ppm	Day : 95	83.7	15.6	31.9	48.9
0205_04	62.5 ppm	Day : 95	86.9	15.8	31.9	49.6
0206_04	62.5 ppm	Day : 95	75.6	15.4	31.3	49.4
0207_04	62.5 ppm	Day : 95	86.9	15.9	32	49.9
0208_04	62.5 ppm	Day : 95	82.8	15.8	31.7	49.9
0209_04	62.5 ppm	Day : 95	78.9	15.8	31.1	51
0210_04	62.5 ppm	Day : 95	85.2	15.6	31.6	49.4
0401_04	125 ppm	Day : 95	78.1	16.3	31.1	52.5



## MALE

Animal No.	Dose	Time In Study	Lymphocyte Percentage %	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL
0402_04	125 ppm	Day : 95	85.9	15.9	31.8	50
0403_04	125 ppm	Day : 95	85.9	15.6	32.1	48.6
0404_04	125 ppm	Day : 95	84.2	16	31.3	51
0405_04	125 ppm	Day : 95	88.4	16.1	31.6	50.8
0406_04	125 ppm	Day : 95	84.4	15.9	31.8	50
0407_04	125 ppm	Day : 95	86.2	15.7	31.8	49.5
0408_04	125 ppm	Day : 95	78.9	15.8	31.4	50.5
0409_04	125 ppm	Day : 95	76.7	15.7	31.6	49.7
0410_04	125 ppm	Day : 95	83.6	15.8	31.9	49.6
0601_04	250 ppm	Day : 95	83.4	16.1	31.8	50.7
0602_04	250 ppm	Day : 95	84.8	16.1	31.8	50.6
0603_04	250 ppm	Day : 95	87.4	15.6	31.1	50.3
0604_04	250 ppm	Day : 95	85.7	16.2	31.6	51.1
0605_04	250 ppm	Day : 95	82.4	16	31.2	51.4
0606_04	250 ppm	Day : 95	82.6	16.2	31.5	51.5
0607_04	250 ppm	Day : 95	78.7	15.8	31	51
0608_04	250 ppm	Day : 95	81.7	16	31.1	51.5
0609_04	250 ppm	Day : 95	85	16	31.1	51.4
0610_04	250 ppm	Day : 95	NT	DEAD	DEAD	DEAD
0801_04	500 ppm	Day : 95	86.5	16	31.1	51.6
0802_04	500 ppm	Day : 95	NT	DEAD	DEAD	DEAD

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Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Lymphocyte Percentage %	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL
0803_04	500 ppm	Day : 95	NT	DEAD	DEAD	DEAD
0804_04	500 ppm	Day : 95	84.9	15.9	30.8	51.6
0805_04	500 ppm	Day : 95	87.5	15.8	30.6	51.7
0806_04	500 ppm	Day : 95	NT	DEAD	DEAD	DEAD
0807_04	500 ppm	Day : 95	83.9	15.7	30.8	51
0808_04	500 ppm	Day : 95	NT	DEAD	DEAD	DEAD
0809_04	500 ppm	Day : 95	82.9	16.2	31.2	52
0810_04	500 ppm	Day : 95	87.3	16	30.8	52

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**MALE**


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Animal No.	Dose	Time In Study	Monocyte Percentage %	Nucleated Rbc Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL
0001_04	0 ppm	Day : 95	3	2.51	0	931
0002_04	0 ppm	Day : 95	5.34	1.55	0	860
0003_04	0 ppm	Day : 95	0.42	2.72	0	811
0004_04	0 ppm	Day : 95	1.21	2.41	0	790
0005_04	0 ppm	Day : 95	5.16	1.77	0	1043
0006_04	0 ppm	Day : 95	1.55	1.85	0	1016
0007_04	0 ppm	Day : 95	4.61	2.16	0	870
0008_04	0 ppm	Day : 95	2.99	4.68	0	831
0009_04	0 ppm	Day : 95	4.21	1.73	0	940
0010_04	0 ppm	Day : 95	0.424	2.2	0	825
0201_04	62.5 ppm	Day : 95	0.821	2.33	0	886
0202_04	62.5 ppm	Day : 95	0.207	4.04	0	1013
0203_04	62.5 ppm	Day : 95	0.412	1.71	0	893
0204_04	62.5 ppm	Day : 95	0.192	3.27	0	930
0205_04	62.5 ppm	Day : 95	0.771	2.71	0	907
0206_04	62.5 ppm	Day : 95	1.71	2.02	0	917
0207_04	62.5 ppm	Day : 95	2.51	1.25	0	816
0208_04	62.5 ppm	Day : 95	0.633	2.83	0	879
0209_04	62.5 ppm	Day : 95	6.73	2.45	0	830
0210_04	62.5 ppm	Day : 95	0.254	2.36	0	869
0401_04	125 ppm	Day : 95	1.1	2.67	0	909
0402_04	125 ppm	Day : 95	0.448	1.7	0	848

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**MALE**


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Animal No.	Dose	Time In Study	Monocyte Percentage %	Nucleated Rbc Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL
0403_04	125 ppm	Day : 95	0.477	2.89	0	912
0404_04	125 ppm	Day : 95	3.54	1.77	0	834
0405_04	125 ppm	Day : 95	0.505	3.77	0	853
0406_04	125 ppm	Day : 95	0.426	1.79	0	819
0407_04	125 ppm	Day : 95	0.354	2.69	0	900
0408_04	125 ppm	Day : 95	6.3	2.13	0	970
0409_04	125 ppm	Day : 95	7.97	1.81	0	861
0410_04	125 ppm	Day : 95	0.567	2.95	0	843
0601_04	250 ppm	Day : 95	3.47	2.61	0	820
0602_04	250 ppm	Day : 95	5.4	2.36	0	808
0603_04	250 ppm	Day : 95	0.51	3.29	0	925
0604_04	250 ppm	Day : 95	2.63	2.9	0	844
0605_04	250 ppm	Day : 95	0.312	3	0	836
0606_04	250 ppm	Day : 95	1.59	2.81	0	927
0607_04	250 ppm	Day : 95	4.62	2.51	0	922
0608_04	250 ppm	Day : 95	1.02	1.66	0	868
0609_04	250 ppm	Day : 95	4	3.38	0	880
0610_04	250 ppm	Day : 95	NT	DEAD	NT	DEAD
0801_04	500 ppm	Day : 95	1.17	3.06	0	855
0802_04	500 ppm	Day : 95	NT	DEAD	NT	DEAD
0803_04	500 ppm	Day : 95	NT	DEAD	NT	DEAD
0804_04	500 ppm	Day : 95	1.29	2.97	0	831

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Monocyte Percentage %	Nucleated Rbc Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL
0804_04	500 ppm	Day : 95	1.29	2.97	0	831
0805_04	500 ppm	Day : 95	1.33	5.24	0	788
0806_04	500 ppm	Day : 95	NT	DEAD	NT	DEAD
0807_04	500 ppm	Day : 95	2.44	4.89	0	1070
0808_04	500 ppm	Day : 95	NT	DEAD	NT	DEAD
0809_04	500 ppm	Day : 95	0.242	3.04	0	803
0810_04	500 ppm	Day : 95	0.324	3.95	0	935

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**MALE**


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Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Percentage count per 100 RBC	Segmented Neutrophil Percentage %
0001_04	0 ppm	Day : 95	10.1	12	12
0002_04	0 ppm	Day : 95	9.84	17	16
0003_04	0 ppm	Day : 95	10.1	11	9.09
0004_04	0 ppm	Day : 95	9.67	13	10.7
0005_04	0 ppm	Day : 95	10.1	17	12.4
0006_04	0 ppm	Day : 95	9.43	11	11.9
0007_04	0 ppm	Day : 95	9.62	18	11.7
0008_04	0 ppm	Day : 95	9.43	19	16.2
0009_04	0 ppm	Day : 95	9.53	14	11.2
0010_04	0 ppm	Day : 95	10.1	15	8.41
0201_04	62.5 ppm	Day : 95	9.88	14	12.9
0202_04	62.5 ppm	Day : 95	9.94	20	9.97
0203_04	62.5 ppm	Day : 95	9.9	17	10.5
0204_04	62.5 ppm	Day : 95	9.75	10	13.4
0205_04	62.5 ppm	Day : 95	10	17	11.4
0206_04	62.5 ppm	Day : 95	10	15	20.2
0207_04	62.5 ppm	Day : 95	9.95	22	9.39
0208_04	62.5 ppm	Day : 95	10.1	15	14.6
0209_04	62.5 ppm	Day : 95	9.69	19	10.2
0210_04	62.5 ppm	Day : 95	9.86	11	10
0401_04	125 ppm	Day : 95	9.35	14	18.4

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**MALE**


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Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Percentage count per 100 RBC	Segmented Neutrophil Percentage %
0402_04	125 ppm	Day : 95	9.97	14	12.6
0403_04	125 ppm	Day : 95	10.2	10	12
0404_04	125 ppm	Day : 95	10.1	9	8.57
0405_04	125 ppm	Day : 95	10.2	17	10.6
0406_04	125 ppm	Day : 95	9.77	13	12
0407_04	125 ppm	Day : 95	9.79	18	12.4
0408_04	125 ppm	Day : 95	10.1	17	9.87
0409_04	125 ppm	Day : 95	10.1	22	10.6
0410_04	125 ppm	Day : 95	10.2	12	12.9
0601_04	250 ppm	Day : 95	9.55	8	9.98
0602_04	250 ppm	Day : 95	9.89	14	7.37
0603_04	250 ppm	Day : 95	9.83	12	11.4
0604_04	250 ppm	Day : 95	9.51	10	10.9
0605_04	250 ppm	Day : 95	9.56	18	14.1
0606_04	250 ppm	Day : 95	9.46	20	13
0607_04	250 ppm	Day : 95	9.69	14	14.5
0608_04	250 ppm	Day : 95	9.54	14	14.7
0609_04	250 ppm	Day : 95	9.52	12	8
0610_04	250 ppm	Day : 95	DEAD	NT	NT
0801_04	500 ppm	Day : 95	9.23	20	11.5
0802_04	500 ppm	Day : 95	DEAD	NT	NT

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Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Percentage count per 100 RBC	Segmented Neutrophil Percentage %
0803_04	500 ppm	Day : 95	DEAD	NT	NT
0804_04	500 ppm	Day : 95	8.89	15	13.3
0805_04	500 ppm	Day : 95	9.66	22	8.21
0806_04	500 ppm	Day : 95	DEAD	NT	NT
0807_04	500 ppm	Day : 95	9.95	23	11.5
0808_04	500 ppm	Day : 95	DEAD	NT	NT
0809_04	500 ppm	Day : 95	9.47	7	14.2
0810_04	500 ppm	Day : 95	9.53	10	10.1



## FEMALE

Animal No.	Dose	Time In Study	Band Neutrophil Percentage %	Basophil Percentage %	Cell Count	Eosinophil Percentage %
0101_04	0 ppm	Day : 96	0	0.173	100	0.26
0102_04	0 ppm	Day : 96	0	0.242	100	1.41
0103_04	0 ppm	Day : 96	0	0	100	1
0104_04	0 ppm	Day : 96	0	0.607	100	1.65
0105_04	0 ppm	Day : 96	0	0.708	100	0.472
0106_04	0 ppm	Day : 96	0	0.271	100	0.372
0107_04	0 ppm	Day : 96	0	0.239	100	0.688
0108_04	0 ppm	Day : 96	0	0.671	100	0.793
0109_04	0 ppm	Day : 96	0	0.327	100	0.182
0110_04	0 ppm	Day : 96	0	0.142	100	1.6
0301_04	62.5 ppm	Day : 96	0	0.541	100	0.541
0302_04	62.5 ppm	Day : 96	0	0.379	100	3.17
0303_04	62.5 ppm	Day : 96	0	0.31	100	1.77
0304_04	62.5 ppm	Day : 96	0	0.116	100	0.31
0305_04	62.5 ppm	Day : 96	0	0.236	100	0.262
0306_04	62.5 ppm	Day : 96	0	0.588	100	2.51
0307_04	62.5 ppm	Day : 96	0	0.044	100	0.174
0308_04	62.5 ppm	Day : 96	0	0.774	100	1.74
0309_04	62.5 ppm	Day : 96	0	0.418	100	0.279
0310_04	62.5 ppm	Day : 96	0	0.351	100	0.312
0501_04	125 ppm	Day : 96	0	0.266	100	2.02
0502_04	125 ppm	Day : 96	0	0	100	4

## FEMALE

Animal No.	Dose	Time In Study	Band Neutrophil Percentage %	Basophil Percentage %	Cell Count	Eosinophil Percentage %
0503_04	125 ppm	Day : 96	0	0.277	100	0.601
0504_04	125 ppm	Day : 96	0	0.171	100	0.471
0505_04	125 ppm	Day : 96	0	0.171	100	1.37
0506_04	125 ppm	Day : 96	0	0.175	100	0.876
0507_04	125 ppm	Day : 96	0	0.18	100	0.854
0508_04	125 ppm	Day : 96	0	0.516	100	1.97
0509_04	125 ppm	Day : 96	0	1.67	100	4.64
0510_04	125 ppm	Day : 96	0	0.857	100	1.33
0701_04	250 ppm	Day : 96	0	0.401	100	0.401
0702_04	250 ppm	Day : 96	0	0.767	100	1.53
0703_04	250 ppm	Day : 96	0	0.439	100	0.628
0704_04	250 ppm	Day : 96	0	0.569	100	1.09
0705_04	250 ppm	Day : 96	0	0.221	100	0.993
0706_04	250 ppm	Day : 96	0	0.249	100	0.635
0707_04	250 ppm	Day : 96	0	0.282	100	0.879
0708_04	250 ppm	Day : 96	0	0.734	100	2.75
0709_04	250 ppm	Day : 96	0	0.468	100	1.02
0710_04	250 ppm	Day : 96	0	0.205	100	0.863
0901_04	500 ppm	Day : 96	0	0.376	100	0.752
0902_04	500 ppm	Day : 96	0	0.49	100	0.35
0903_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0904_04	500 ppm	Day : 96	0	0.184	100	0.829

Experiment Number: 20011-04

Species/Strain: Mouse/B6C3F1

**P44: Hematology Data**

Date Report Requested: 10/26/2014

Time Report Requested: 05:34:45

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	Band Neutrophil Percentage %	Basophil Percentage %	Cell Count	Eosinophil Percentage %
0904_04	500 ppm	Day : 96	0	0.184	100	0.829
0905_04	500 ppm	Day : 96	0	0.528	100	0.634
0906_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0907_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0908_04	500 ppm	Day : 96	0	0	100	0
0909_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0910_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD

## FEMALE

Animal No.	Dose	Time In Study	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Howell Jolly Pct Rbc %
0101_04	0 ppm	Day : 96	49.8	49.5	15.8	0.1
0102_04	0 ppm	Day : 96	49.5	50	16	0
0103_04	0 ppm	Day : 96	52.6	51	16.7	0
0104_04	0 ppm	Day : 96	50.4	48.5	15.8	0
0105_04	0 ppm	Day : 96	51	51	16.2	0.1
0106_04	0 ppm	Day : 96	51.3	51	16.4	0.2
0107_04	0 ppm	Day : 96	49.9	49	15.7	0
0108_04	0 ppm	Day : 96	50.3	50	16	0
0109_04	0 ppm	Day : 96	51.6	51	16.4	0
0110_04	0 ppm	Day : 96	52.1	50	16.6	0
0301_04	62.5 ppm	Day : 96	50.3	49.5	16.1	0.1
0302_04	62.5 ppm	Day : 96	48.7	48	15.6	0.1
0303_04	62.5 ppm	Day : 96	50.8	50.5	16.5	0
0304_04	62.5 ppm	Day : 96	52.7	52	16.9	0.2
0305_04	62.5 ppm	Day : 96	51.2	51	16.3	0.1
0306_04	62.5 ppm	Day : 96	50.9	50	16.3	0
0307_04	62.5 ppm	Day : 96	48.8	47.5	15.7	0
0308_04	62.5 ppm	Day : 96	51.8	50.5	16.4	0.2
0309_04	62.5 ppm	Day : 96	49.7	50	16	0
0310_04	62.5 ppm	Day : 96	52	51.5	16.4	0
0501_04	125 ppm	Day : 96	50.8	50.5	16.2	0
0502_04	125 ppm	Day : 96	49.2	49	15.7	0.1

## FEMALE

Animal No.	Dose	Time In Study	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Howell Jolly Pct Rbc %
0503_04	125 ppm	Day : 96	50.1	50	15.9	0.1
0504_04	125 ppm	Day : 96	49	48.5	15.5	0.2
0505_04	125 ppm	Day : 96	50.2	50	16	0.1
0506_04	125 ppm	Day : 96	49.2	49	16	0.1
0507_04	125 ppm	Day : 96	50.7	49	16.3	0
0508_04	125 ppm	Day : 96	50.4	49.5	15.9	0.1
0509_04	125 ppm	Day : 96	51.1	50.5	16.2	0.1
0510_04	125 ppm	Day : 96	49.6	48	15.7	0.1
0701_04	250 ppm	Day : 96	49.8	49.5	16	0.2
0702_04	250 ppm	Day : 96	51.3	50	16.1	0.1
0703_04	250 ppm	Day : 96	48.6	48.5	15.7	0
0704_04	250 ppm	Day : 96	50	50	16	0.1
0705_04	250 ppm	Day : 96	46	46	14.9	0
0706_04	250 ppm	Day : 96	50.2	49.5	16	0
0707_04	250 ppm	Day : 96	48.6	47.5	15.4	0
0708_04	250 ppm	Day : 96	49.2	48	15.5	0.1
0709_04	250 ppm	Day : 96	49.1	48	15.4	0
0710_04	250 ppm	Day : 96	47.9	48	15.4	0.1
0901_04	500 ppm	Day : 96	50	50	16	0
0902_04	500 ppm	Day : 96	49.8	48.5	15.8	0
0903_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0904_04	500 ppm	Day : 96	49.6	49.5	15.9	0

Experiment Number: 20011-04

Species/Strain: Mouse/B6C3F1

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:34:45

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Howell Jolly Pct Rbc %
0904_04	500 ppm	Day : 96	49.6	49.5	15.9	0
0905_04	500 ppm	Day : 96	48.7	48	15.3	0.1
0906_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0907_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0908_04	500 ppm	Day : 96	47.5	47	14.9	0
0909_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0910_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD

## FEMALE

Animal No.	Dose	Time In Study	Lymphocyte Percentage %	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL
0101_04	0 ppm	Day : 96	88	16.1	31.7	50.7
0102_04	0 ppm	Day : 96	80.4	16	32.4	49.4
0103_04	0 ppm	Day : 96	88	16.1	31.8	50.6
0104_04	0 ppm	Day : 96	85.7	15.7	31.3	50.2
0105_04	0 ppm	Day : 96	81.5	15.8	31.7	49.7
0106_04	0 ppm	Day : 96	86.3	15.7	32	48.9
0107_04	0 ppm	Day : 96	87.8	15.9	31.5	50.5
0108_04	0 ppm	Day : 96	86.8	15.9	31.9	50
0109_04	0 ppm	Day : 96	89.4	16	31.9	50.3
0110_04	0 ppm	Day : 96	87.9	15.7	31.8	49.5
0301_04	62.5 ppm	Day : 96	87.9	16	32.1	49.9
0302_04	62.5 ppm	Day : 96	87.8	16	32.1	49.7
0303_04	62.5 ppm	Day : 96	84.2	16	32.4	49.5
0304_04	62.5 ppm	Day : 96	91.2	16.1	32.1	50.2
0305_04	62.5 ppm	Day : 96	91.7	16	31.9	50.1
0306_04	62.5 ppm	Day : 96	83.2	16.2	32.1	50.4
0307_04	62.5 ppm	Day : 96	84.2	16.1	32.2	49.8
0308_04	62.5 ppm	Day : 96	81.5	15.9	31.6	50.3
0309_04	62.5 ppm	Day : 96	85.5	16	32.2	49.7
0310_04	62.5 ppm	Day : 96	90.6	16.1	31.5	51
0501_04	125 ppm	Day : 96	83.9	16	31.9	50.3

## FEMALE

Animal No.	Dose	Time In Study	Lymphocyte Percentage %	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL
0502_04	125 ppm	Day : 96	83	15.9	31.9	49.9
0503_04	125 ppm	Day : 96	78.1	16.1	31.8	50.6
0504_04	125 ppm	Day : 96	84.8	15.9	31.7	50.2
0505_04	125 ppm	Day : 96	87.2	15.9	31.8	50
0506_04	125 ppm	Day : 96	88.5	16	32.4	49.5
0507_04	125 ppm	Day : 96	85.3	16.6	32.2	51.4
0508_04	125 ppm	Day : 96	85.2	16	31.6	50.5
0509_04	125 ppm	Day : 96	84.3	16	31.7	50.6
0510_04	125 ppm	Day : 96	84.2	16.3	31.7	51.3
0701_04	250 ppm	Day : 96	87.5	16.2	32.1	50.4
0702_04	250 ppm	Day : 96	81.8	16.4	31.3	52.2
0703_04	250 ppm	Day : 96	90.7	16.5	32.3	51.1
0704_04	250 ppm	Day : 96	80.7	16.2	31.9	50.7
0705_04	250 ppm	Day : 96	75	16.2	32.4	49.9
0706_04	250 ppm	Day : 96	89.1	16.2	31.8	50.9
0707_04	250 ppm	Day : 96	88.3	16.2	31.6	51.3
0708_04	250 ppm	Day : 96	78.8	16.2	31.6	51.1
0709_04	250 ppm	Day : 96	80.3	16.2	31.3	51.7
0710_04	250 ppm	Day : 96	86.9	16.6	32.1	51.7
0901_04	500 ppm	Day : 96	86.8	16.6	32	51.9
0902_04	500 ppm	Day : 96	89.3	16.3	31.6	51.5



Experiment Number: 20011-04

Species/Strain: Mouse/B6C3F1

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:34:45

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Lymphocyte Percentage %	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL
0903_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0904_04	500 ppm	Day : 96	87.5	16.4	32.1	51.2
0905_04	500 ppm	Day : 96	84.8	16.1	31.4	51.2
0906_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0907_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0908_04	500 ppm	Day : 96	88	16.3	31.3	52.2
0909_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0910_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD

Experiment Number: 20011-04

Species/Strain: Mouse/B6C3F1

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:34:45

First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	Monocyte Percentage %	Nucleated Rbc Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL
0101_04	0 ppm	Day : 96	0.606	2.4	0	824
0102_04	0 ppm	Day : 96	1.07	4.4	0	820
0103_04	0 ppm	Day : 96	1	3.08	0	769
0104_04	0 ppm	Day : 96	2.11	2.26	0	740
0105_04	0 ppm	Day : 96	3.35	2.67	0	918
0106_04	0 ppm	Day : 96	0.812	3.11	0	889
0107_04	0 ppm	Day : 96	0.748	1.81	0	902
0108_04	0 ppm	Day : 96	2.68	1.79	0	854
0109_04	0 ppm	Day : 96	1.09	2.85	0	845
0110_04	0 ppm	Day : 96	0.957	2.96	0	906
0301_04	62.5 ppm	Day : 96	2.67	3.09	0	804
0302_04	62.5 ppm	Day : 96	1.06	2	0	881
0303_04	62.5 ppm	Day : 96	1.1	3.73	0	791
0304_04	62.5 ppm	Day : 96	0.852	2.71	0	578
0305_04	62.5 ppm	Day : 96	0.262	4.07	0	901
0306_04	62.5 ppm	Day : 96	0.588	2.7	0	843
0307_04	62.5 ppm	Day : 96	1.18	2.41	0	798
0308_04	62.5 ppm	Day : 96	2.58	1.69	0	842
0309_04	62.5 ppm	Day : 96	1.74	3	0	881
0310_04	62.5 ppm	Day : 96	1.09	2.7	0	896
0501_04	125 ppm	Day : 96	0.585	2.06	0	798
0502_04	125 ppm	Day : 96	1	1.52	0	865

Experiment Number: 20011-04

P44: Hematology Data

Date Report Requested: 10/26/2014

Species/Strain: Mouse/B6C3F1

Time Report Requested: 05:34:45

First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	Monocyte Percentage %	Nucleated Rbc Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL
0503_04	125 ppm	Day : 96	5.46	2.28	0	894
0504_04	125 ppm	Day : 96	5.82	2.45	0	805
0505_04	125 ppm	Day : 96	1.32	2.43	0	857
0506_04	125 ppm	Day : 96	0.438	2.39	0	837
0507_04	125 ppm	Day : 96	0.36	2.33	0	883
0508_04	125 ppm	Day : 96	0.88	3.48	0	811
0509_04	125 ppm	Day : 96	0.774	1.82	0	713
0510_04	125 ppm	Day : 96	4.97	2.56	0	887
0701_04	250 ppm	Day : 96	0.668	2.37	0	746
0702_04	250 ppm	Day : 96	4.99	3.28	0	807
0703_04	250 ppm	Day : 96	0.335	5.12	0	828
0704_04	250 ppm	Day : 96	5.65	2.41	0	868
0705_04	250 ppm	Day : 96	5.11	2.84	0	727
0706_04	250 ppm	Day : 96	0.193	3.8	0	851
0707_04	250 ppm	Day : 96	0.69	1.75	0	846
0708_04	250 ppm	Day : 96	5.44	1.8	0	858
0709_04	250 ppm	Day : 96	4.24	1.88	0	883
0710_04	250 ppm	Day : 96	3.33	2.56	0	776
0901_04	500 ppm	Day : 96	2.16	1.73	0	604
0902_04	500 ppm	Day : 96	0.63	3.02	0	809
0903_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0904_04	500 ppm	Day : 96	1.01	2.26	0	616

Experiment Number: 20011-04

Species/Strain: Mouse/B6C3F1

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:34:46

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Monocyte Percentage %	Nucleated Rbc Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL
0904_04	500 ppm	Day : 96	1.01	2.26	0	616
0905_04	500 ppm	Day : 96	3.35	2.99	0	820
0906_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0907_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0908_04	500 ppm	Day : 96	1	2.86	0	813
0909_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD
0910_04	500 ppm	Day : 96	DEAD	DEAD	DEAD	DEAD

## FEMALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Percentage count per 100 RBC	Segmented Neutrophil Percentage %
0101_04	0 ppm	Day : 96	9.81	13	11
0102_04	0 ppm	Day : 96	10	18	16.9
0103_04	0 ppm	Day : 96	10.4	12	10
0104_04	0 ppm	Day : 96	10	18	9.96
0105_04	0 ppm	Day : 96	10.3	13	14
0106_04	0 ppm	Day : 96	10.5	19	12.3
0107_04	0 ppm	Day : 96	9.88	18	10.5
0108_04	0 ppm	Day : 96	10.1	9	9.05
0109_04	0 ppm	Day : 96	10.3	16	8.98
0110_04	0 ppm	Day : 96	10.5	15	9.36
0301_04	62.5 ppm	Day : 96	10.1	11	8.32
0302_04	62.5 ppm	Day : 96	9.79	12	7.55
0303_04	62.5 ppm	Day : 96	10.3	11	12.6
0304_04	62.5 ppm	Day : 96	10.5	12	7.52
0305_04	62.5 ppm	Day : 96	10.2	14	7.58
0306_04	62.5 ppm	Day : 96	10.1	19	13.1
0307_04	62.5 ppm	Day : 96	9.8	17	14.4
0308_04	62.5 ppm	Day : 96	10.3	19	13.4
0309_04	62.5 ppm	Day : 96	9.99	19	12.1
0310_04	62.5 ppm	Day : 96	10.2	13	7.61
0501_04	125 ppm	Day : 96	10.1	5	13.3

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**FEMALE**


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Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Percentage count per 100 RBC	Segmented Neutrophil Percentage %
0502_04	125 ppm	Day : 96	9.87	21	12
0503_04	125 ppm	Day : 96	9.9	8	15.6
0504_04	125 ppm	Day : 96	9.75	12	8.69
0505_04	125 ppm	Day : 96	10	18	9.9
0506_04	125 ppm	Day : 96	9.96	15	10
0507_04	125 ppm	Day : 96	9.86	10	13.3
0508_04	125 ppm	Day : 96	9.99	22	11.4
0509_04	125 ppm	Day : 96	10.1	13	8.57
0510_04	125 ppm	Day : 96	9.67	12	8.63
0701_04	250 ppm	Day : 96	9.89	12	11
0702_04	250 ppm	Day : 96	9.82	16	11
0703_04	250 ppm	Day : 96	9.5	15	7.87
0704_04	250 ppm	Day : 96	9.87	12	12
0705_04	250 ppm	Day : 96	9.22	12	18.7
0706_04	250 ppm	Day : 96	9.86	9	9.81
0707_04	250 ppm	Day : 96	9.49	13	9.82
0708_04	250 ppm	Day : 96	9.61	15	12.2
0709_04	250 ppm	Day : 96	9.51	16	14
0710_04	250 ppm	Day : 96	9.27	9	8.71
0901_04	500 ppm	Day : 96	9.63	15	9.94
0902_04	500 ppm	Day : 96	9.68	9	9.2

Experiment Number: 20011-04

Species/Strain: Mouse/B6C3F1

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:34:46

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Percentage count per 100 RBC	Segmented Neutrophil Percentage %
0903_04	500 ppm	Day : 96	DEAD	DEAD	DEAD
0904_04	500 ppm	Day : 96	9.7	10	10.5
0905_04	500 ppm	Day : 96	9.52	13	10.7
0906_04	500 ppm	Day : 96	DEAD	DEAD	DEAD
0907_04	500 ppm	Day : 96	DEAD	DEAD	DEAD
0908_04	500 ppm	Day : 96	9.1	12	11
0909_04	500 ppm	Day : 96	DEAD	DEAD	DEAD
0910_04	500 ppm	Day : 96	DEAD	DEAD	DEAD

\*\* END OF REPORT \*\*