

**Experiment Number:** 05199-04

**Species/Strain:** Rat/Fischer 344

**P44: Hematology Data**

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

**Time Report Requested:** 01:31:06

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

**Lab:** NA

**C Number:** C62135B

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0121_04	0 ppm	Week : 13	0.12	41.7	14.8	4.32
0122_04	0 ppm	Week : 13	0	44.3	15.2	6
0123_04	0 ppm	Week : 13	0	46.8	15	4.36
0124_04	0 ppm	Week : 13	0.05	43.7	14.9	3.74
0125_04	0 ppm	Week : 13	0	44.8	14.8	5.44
0126_04	0 ppm	Week : 13	0.15	46.3	15.4	5.77
0127_04	0 ppm	Week : 13	0.07	46.9	15.3	6.07
0128_04	0 ppm	Week : 13	0.05	45.7	15.2	4.18
0130_04	0 ppm	Week : 13	0.07	42.5	14.4	5.76
0131_04	3000 ppm	Week : 13	0.18	41.8	13.9	3.48
0132_04	3000 ppm	Week : 13	0.11	41.9	13.8	4.35
0133_04	3000 ppm	Week : 13	0	42.3	13.2	2.58
0134_04	3000 ppm	Week : 13	0	41.5	13.6	2.66
0135_04	3000 ppm	Week : 13	0.04	40.5	13.4	3.65
0136_04	3000 ppm	Week : 13	0.12	41	13.7	2.81
0137_04	3000 ppm	Week : 13	0.09	42.2	13.6	3.54
0138_04	3000 ppm	Week : 13	0.02	43.4	14	1.36
0139_04	3000 ppm	Week : 13	0.03	40.4	12.8	2.9
0140_04	3000 ppm	Week : 13	0.1	44.9	14.2	2.55

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**MALE**

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Methemoglobin Pct Hgb %
0121_04	0 ppm	Week : 13	17.6	35.5	50	0.4
0122_04	0 ppm	Week : 13	17.7	34.3	52	0.5
0123_04	0 ppm	Week : 13	16.8	32	52	0.9
0124_04	0 ppm	Week : 13	17.4	34.1	51	0.9
0125_04	0 ppm	Week : 13	17	33	51	0.2
0126_04	0 ppm	Week : 13	17.5	33.3	53	0.3
0127_04	0 ppm	Week : 13	17	32.6	52	0.5
0128_04	0 ppm	Week : 13	17.7	33.3	53	0.8
0130_04	0 ppm	Week : 13	17.7	33.9	52	0.6
0131_04	3000 ppm	Week : 13	16.8	33.3	51	0.6
0132_04	3000 ppm	Week : 13	16.6	32.9	50	1
0133_04	3000 ppm	Week : 13	16.1	31.2	52	0.6
0134_04	3000 ppm	Week : 13	16.8	32.8	51	0.4
0135_04	3000 ppm	Week : 13	16.6	33.1	50	0.4
0136_04	3000 ppm	Week : 13	16.9	33.4	51	0.6
0137_04	3000 ppm	Week : 13	16.4	32.2	51	1
0138_04	3000 ppm	Week : 13	16.9	32.3	52	1
0139_04	3000 ppm	Week : 13	16.1	31.7	51	0.4
0140_04	3000 ppm	Week : 13	15.9	31.6	50	0.6

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**MALE**

Animal No.	Dose	Time In Study	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL
0121_04	0 ppm	Week : 13	0	0.12	701	8.41
0122_04	0 ppm	Week : 13	0	0	720	8.58
0123_04	0 ppm	Week : 13	0.05	0	760	8.93
0124_04	0 ppm	Week : 13	0	0	725	8.58
0125_04	0 ppm	Week : 13	0.19	0	726	8.72
0126_04	0 ppm	Week : 13	0	0.08	693	8.81
0127_04	0 ppm	Week : 13	0.07	0	622	8.98
0128_04	0 ppm	Week : 13	0	0	597	8.57
0130_04	0 ppm	Week : 13	0	0.07	632	8.13
0131_04	3000 ppm	Week : 13	0	0	449	8.26
0132_04	3000 ppm	Week : 13	0	0	354	8.31
0133_04	3000 ppm	Week : 13	0	0.03	469	8.21
0134_04	3000 ppm	Week : 13	0.06	0	377	8.09
0135_04	3000 ppm	Week : 13	0.08	0	326	8.07
0136_04	3000 ppm	Week : 13	0	0.08	348	8.09
0137_04	3000 ppm	Week : 13	0.23	0	256	8.29
0138_04	3000 ppm	Week : 13	0.02	0	178	8.28
0139_04	3000 ppm	Week : 13	0.1	0	256	7.93
0140_04	3000 ppm	Week : 13	0.03	0.03	419	8.93

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**MALE**

Animal No.	Dose	Time In Study	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0121_04	0 ppm	Week : 13	0.19	1.56	6
0122_04	0 ppm	Week : 13	0.18	0.9	6.9
0123_04	0 ppm	Week : 13	0.2	0.49	4.9
0124_04	0 ppm	Week : 13	0.2	1.01	4.8
0125_04	0 ppm	Week : 13	0.15	0.77	6.4
0126_04	0 ppm	Week : 13	0.17	1.57	7.5
0127_04	0 ppm	Week : 13	0.12	1.18	7.4
0128_04	0 ppm	Week : 13	0.24	1.26	5.5
0130_04	0 ppm	Week : 13	0.22	1.37	7.2
0131_04	3000 ppm	Week : 13	0.07	0.75	4.4
0132_04	3000 ppm	Week : 13	0.13	0.85	5.3
0133_04	3000 ppm	Week : 13	0.19	0.32	2.9
0134_04	3000 ppm	Week : 13	0.07	0.48	3.2
0135_04	3000 ppm	Week : 13	0.1	0.42	4.2
0136_04	3000 ppm	Week : 13	0.1	0.9	3.9
0137_04	3000 ppm	Week : 13	0.12	0.74	4.6
0138_04	3000 ppm	Week : 13	0.13	0.79	2.2
0139_04	3000 ppm	Week : 13	0.06	0.26	3.3
0140_04	3000 ppm	Week : 13	0.08	0.71	3.4

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0151_04	0 ppm	Week : 13	0	44.9	15.2	4.03
0152_04	0 ppm	Week : 13	0.12	45.3	15.1	4.82
0153_04	0 ppm	Week : 13	0.2	42.5	14.8	4.35
0154_04	0 ppm	Week : 13	0.09	42	14.3	3.34
0155_04	0 ppm	Week : 13	0.07	44.5	14.8	4.62
0156_04	0 ppm	Week : 13	0.05	43.3	14.7	4.37
0157_04	0 ppm	Week : 13	0.02*	37.4*	12.2*	1.31*
0158_04	0 ppm	Week : 13	0.12	44.9	14.8	4.51
0159_04	0 ppm	Week : 13	0.05	43.9	15.2	3.89
0160_04	0 ppm	Week : 13	0.11	41.7	14.6	3.62
0161_04	3000 ppm	Week : 13	0	41.5	13.7	3.32
0162_04	3000 ppm	Week : 13	0	39.7	13.2	4
0163_04	3000 ppm	Week : 13	0.04	39.3	13.5	3.52
0164_04	3000 ppm	Week : 13	0.11	41.6	14.1	4.56
0165_04	3000 ppm	Week : 13	0.09	40.5	13.6	3.83
0166_04	3000 ppm	Week : 13	0.04	42.9	13.7	1.52
0167_04	3000 ppm	Week : 13	0.21	42.6	14.4	4.03
0168_04	3000 ppm	Week : 13	0.02	40.4	13	1.97
0169_04	3000 ppm	Week : 13	0.13	39.6	13.4	2.75
0170_04	3000 ppm	Week : 13	0.05	44.3	14.4	1.17

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## FEMALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Methemoglobin Pct Hgb %
0151_04	0 ppm	Week : 13	18	33.9	53	0.2
0152_04	0 ppm	Week : 13	17.7	33.3	53	0.7
0153_04	0 ppm	Week : 13	18.1	34.8	52	0.9
0154_04	0 ppm	Week : 13	18.2	34	54	0.5
0155_04	0 ppm	Week : 13	17.7	33.3	53	0.7
0156_04	0 ppm	Week : 13	18.6	33.9	55	0.9
0157_04	0 ppm	Week : 13	16.8*	32.6*	52*	1.4*
0158_04	0 ppm	Week : 13	18.1	33	55	0.7
0159_04	0 ppm	Week : 13	18.9	34.6	55	0.3
0160_04	0 ppm	Week : 13	19.1	35	54	1.3
0161_04	3000 ppm	Week : 13	17.1	33	52	0.8
0162_04	3000 ppm	Week : 13	16.9	33.2	51	1
0163_04	3000 ppm	Week : 13	17.6	34.4	51	0.6
0164_04	3000 ppm	Week : 13	16.6	33.9	49	0.2
0165_04	3000 ppm	Week : 13	16.9	33.6	50	0.8
0166_04	3000 ppm	Week : 13	16.8	31.9	53	1.9
0167_04	3000 ppm	Week : 13	18.5	33.8	55	1
0168_04	3000 ppm	Week : 13	17.4	32.2	54	1
0169_04	3000 ppm	Week : 13	17.6	33.8	52	0.4
0170_04	3000 ppm	Week : 13	17.1	32.5	53	2.1

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## FEMALE

Animal No.	Dose	Time In Study	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL
0151_04	0 ppm	Week : 13	0.05	0	708	8.46
0152_04	0 ppm	Week : 13	0	0.12	707	8.54
0153_04	0 ppm	Week : 13	0	0	727	8.18
0154_04	0 ppm	Week : 13	0.09	0.09	714	7.85
0155_04	0 ppm	Week : 13	0	0.07	727	8.38
0156_04	0 ppm	Week : 13	0.05	0	718	7.91
0157_04	0 ppm	Week : 13	0.04*	0.02*	299*	7.26*
0158_04	0 ppm	Week : 13	0.24	0	697	8.18
0159_04	0 ppm	Week : 13	0.1	0.1	637	8.03
0160_04	0 ppm	Week : 13	0	0	768	7.66
0161_04	3000 ppm	Week : 13	0.12	0	353	8.01
0162_04	3000 ppm	Week : 13	0.09	0	315	7.82
0163_04	3000 ppm	Week : 13	0	0	287	7.69
0164_04	3000 ppm	Week : 13	0.05	0.11	243	8.51
0165_04	3000 ppm	Week : 13	0.13	0	281	8.03
0166_04	3000 ppm	Week : 13	0.09	0	263	8.17
0167_04	3000 ppm	Week : 13	0	0.11		7.77
0168_04	3000 ppm	Week : 13	0.12	0.05	255	7.45
0169_04	3000 ppm	Week : 13	0	0	392	7.63
0170_04	3000 ppm	Week : 13	0	0.02	272	8.43



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**FEMALE**


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Animal No.	Dose	Time In Study	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0151_04	0 ppm	Week : 13	0.09	1.22	5.3
0152_04	0 ppm	Week : 13	0.09	1.16	6.1
0153_04	0 ppm	Week : 13	0.07	2.24	6.8
0154_04	0 ppm	Week : 13	0.06	0.88	4.4
0155_04	0 ppm	Week : 13	0.06	2.01	6.7
0156_04	0 ppm	Week : 13	0.13	0.73	5.2
0157_04	0 ppm	Week : 13	0.18*	0.51*	1.9*
0158_04	0 ppm	Week : 13	0.17	1.22	6.1
0159_04	0 ppm	Week : 13	0.13	0.77	4.8
0160_04	0 ppm	Week : 13	0.14	1.62	5.4
0161_04	3000 ppm	Week : 13	0.11	0.56	4
0162_04	3000 ppm	Week : 13	0.05	0.4	4.5
0163_04	3000 ppm	Week : 13	0.07	0.84	4.4
0164_04	3000 ppm	Week : 13	0.07	0.58	5.3
0165_04	3000 ppm	Week : 13	0.06	0.26	4.3
0166_04	3000 ppm	Week : 13	0.21	0.55	2.2
0167_04	3000 ppm	Week : 13	0.1	1.06	5.3
0168_04	3000 ppm	Week : 13	0.07	0.29	2.4
0169_04	3000 ppm	Week : 13	0.09	0.32	3.2
0170_04	3000 ppm	Week : 13	0.18	0.54	1.8

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