

Appendix 5 Blood Chemistry

B120719

Sex: Male Day(s) Relative to Start Date

500 mg/kg	Blood Chemistry											
	ASAT	ASAT	ASAT	ASAT	ALAT	ALAT	ALAT	ALAT	LDH	LDH	LDH	LDH
	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)
	-46	-4	11	14	-46	-4	11	14	-46	-4	11	14
10401	22	18	34	.	34	30	53	.	287	237	319	.
10402	31	32	56	.	39	40	65	.	275	219	413	.
10403	30	24	.	.	46	33	.	.	286	206	.	.

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Male Day(s) Relative to Start Date

500 mg/kg	Blood Chemistry											
	Gamma GT	Gamma GT	Gamma GT	Gamma GT	ALP	ALP	ALP	ALP	Creatine Kinase	Creatine Kinase	Creatine Kinase	Creatine Kinase
	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)
	-46	-4	11	14	-46	-4	11	14	-46	-4	11	14
10401	58	52	30	.	2414	2097	1382	.	59	55	154	.
10402	75	91	54	.	1268	1373	1158	.	89	124	399	.
10403	54	101	.	.	1036	1734	.	.	75	98	.	.

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Male Day(s) Relative to Start Date

500 mg/kg	Blood Chemistry											
	Total Bilirubin (mg/dL)	Total Bilirubin (mg/dL)	Total Bilirubin (mg/dL)	Total Bilirubin (mg/dL)	Urea Nitrogen (mg/dL)	Urea Nitrogen (mg/dL)	Urea Nitrogen (mg/dL)	Urea Nitrogen (mg/dL)	Creatinine (mg/dL)	Creatinine (mg/dL)	Creatinine (mg/dL)	Creatinine (mg/dL)
	-46	-4	11	14	-46	-4	11	14	-46	-4	11	14
10401	0.2	0.2	0.5	.	17.8	17.1	41.4	.	0.9	0.8	1.1	.
10402	0.1	0.1	0.4	.	14.8	14.4	187.4	.	0.6	0.6	8.3	.
10403	0.2	0.1	.	.	18.6	19.1	.	.	0.7	0.7	.	.

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Male Day(s) Relative to Start Date

500 mg/kg	Blood Chemistry											
	Glucose (mg/dL)	Glucose (mg/dL)	Glucose (mg/dL)	Glucose (mg/dL)	Total Cholesterol (mg/dL)	Total Cholesterol (mg/dL)	Total Cholesterol (mg/dL)	Total Cholesterol (mg/dL)	Phospholipid (mg/dL)	Phospholipid (mg/dL)	Phospholipid (mg/dL)	Phospholipid (mg/dL)
	-46	-4	11	14	-46	-4	11	14	-46	-4	11	14
10401	81	101	87	.	123	103	105	.	190	163	151	.
10402	77	88	137	.	103	103	143	.	137	148	249	.
10403	88	79	.	.	106	115	.	.	156	173	.	.

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Male Day(s) Relative to Start Date

500 mg/kg	Blood Chemistry											
	Triglyceride (mg/dL)	Triglyceride (mg/dL)	Triglyceride (mg/dL)	Triglyceride (mg/dL)	Total Protein (g/dL)	Total Protein (g/dL)	Total Protein (g/dL)	Total Protein (g/dL)	Ca (mg/dL)	Ca (mg/dL)	Ca (mg/dL)	Ca (mg/dL)
	-46	-4	11	14	-46	-4	11	14	-46	-4	11	14
10401	39	42	66	.	8.2	7.2	7.2	.	115	10.2	10.1	.
10402	32	24	307	.	7.5	7.1	8.7	.	10.2	9.9	8.8	.
10403	14	15	.	.	8.1	7.6	.	.	10.7	10.5	.	.

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Male Day(s) Relative to Start Date

500 mg/kg	Blood Chemistry											
	Inorganic Phosphorus (mg/dL)	Inorganic Phosphorus (mg/dL)	Inorganic Phosphorus (mg/dL)	Inorganic Phosphorus (mg/dL)	Na (mmol/L)	Na (mmol/L)	Na (mmol/L)	Na (mmol/L)	K (mmol/L)	K (mmol/L)	K (mmol/L)	K (mmol/L)
	-46	-4	11	14	-46	-4	11	14	-46	-4	11	14
10401	5.7	6.2	6.2	.	162	149	127	.	6.0	5.0	6.0	.
10402	5.8	6.9	16.0	.	150	148	114	.	5.3	5.2	7.1	.
10403	5.9	7.2	.	.	150	150	.	.	4.8	5.4	.	.

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Male Day(s) Relative to Start Date

500 mg/kg	Blood Chemistry											
	Cl (mmol/L)	Cl (mmol/L)	Cl (mmol/L)	Cl (mmol/L)	A/G Ratio	A/G Ratio	A/G Ratio	A/G Ratio	Albumin (%)	Albumin (%)	Albumin (%)	Albumin (%)
	-46	-4	11	14	-46	-4	11	14	-46	-4	11	14
10401	112	107	82	.	1.43	1.58	1.31	.	58.8	61.2	56.8	.
10402	109	111	56	.	1.49	1.66	1.37	.	59.9	62.4	57.8	.
10403	108	110	.	.	1.39	1.29	.	.	58.1	56.4	.	.

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Male Day(s) Relative to Start Date

500 mg/kg	Blood Chemistry											
	Albumin (g/dL)	Albumin (g/dL)	Albumin (g/dL)	Albumin (g/dL)	Alpha1 Globulin (%)	Alpha1 Globulin (%)	Alpha1 Globulin (%)	Alpha1 Globulin (%)	Alpha2 Globulin (%)	Alpha2 Globulin (%)	Alpha2 Globulin (%)	Alpha2 Globulin (%)
	-46	-4	11	14	-46	-4	11	14	-46	-4	11	14
10401	4.8	4.4	4.1	.	3.6	3.1	6.4	.	10.8	10.0	14.4	.
10402	4.5	4.4	5.0	.	3.3	3.5	7.0	.	11.5	11.0	11.6	.
10403	4.7	4.3	.	.	2.9	3.4	.	.	12.5	11.2	.	.

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Male Day(s) Relative to Start Date

500 mg/kg	Blood Chemistry											
	Beta Globulin (%)	Beta Globulin (%)	Beta Globulin (%)	Beta Globulin (%)	Gamma Globulin (%)	Gamma Globulin (%)	Gamma Globulin (%)	Gamma Globulin (%)	Alpha1 Globulin (g/dL)	Alpha1 Globulin (g/dL)	Alpha1 Globulin (g/dL)	Alpha1 Globulin (g/dL)
	-46	-4	11	14	-46	-4	11	14	-46	-4	11	14
10401	15.9	13.6	14.5	.	10.9	12.1	7.9	.	0.3	0.2	0.5	.
10402	13.7	12.2	15.1	.	11.6	10.9	8.5	.	0.2	0.2	0.6	.
10403	14.7	14.5	.	.	11.8	14.5	.	.	0.2	0.3	.	.

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Male Day(s) Relative to Start Date

500 mg/kg	Blood Chemistry											
	Alpha2 Globulin (g/dL)	Alpha2 Globulin (g/dL)	Alpha2 Globulin (g/dL)	Alpha2 Globulin (g/dL)	Beta Globulin (g/dL)	Beta Globulin (g/dL)	Beta Globulin (g/dL)	Beta Globulin (g/dL)	Gamma Globulin (g/dL)	Gamma Globulin (g/dL)	Gamma Globulin (g/dL)	Gamma Globulin (g/dL)
	-46	-4	11	14	-46	-4	11	14	-46	-4	11	14
10401	0.9	0.7	1.0	.	1.3	1.0	1.0	.	0.9	0.9	0.6	.
10402	0.9	0.8	1.0	.	1.0	0.9	1.3	.	0.9	0.8	0.7	.
10403	1.0	0.9	.	.	1.2	1.1	.	.	1.0	1.1	.	.

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Female Day(s) Relative to Start Date

0 mg/kg	Blood Chemistry											
	ASAT	ASAT	ASAT	ASAT	ASAT	ASAT	ALAT	ALAT	ALAT	ALAT	ALAT	ALAT
	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	28	22	.	.	.	24	33	31	.	.	.	24
50102	32	26	.	.	.	35	81	42	.	.	.	58
50103	59	32	.	.	.	41	118	80	.	.	.	112

[Day 5 and 10 : Moribundity.]

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Female Day(s) Relative to Start Date

0 mg/kg	Blood Chemistry											
	LDH	LDH	LDH	LDH	LDH	LDH	Gamma GT	Gamma GT	Gamma GT	Gamma GT	Gamma GT	Gamma GT
	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)	(U/L)
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	202	146	.	.	.	210	52	46	.	.	.	44
50102	202	159	.	.	.	219	76	65	.	.	.	57
50103	341	247	.	.	.	383	60	65	.	.	.	52

[Day 5 and 10 : Moribundity.]

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Female Day(s) Relative to Start Date

0 mg/kg	Blood Chemistry											
	ALP (U/L)	ALP (U/L)	ALP (U/L)	ALP (U/L)	ALP (U/L)	ALP (U/L)	Creatine Kinase (U/L)	Creatine Kinase (U/L)	Creatine Kinase (U/L)	Creatine Kinase (U/L)	Creatine Kinase (U/L)	Creatine Kinase (U/L)
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	1409	1171	.	.	.	1366	42	47	.	.	.	87
50102	1288	1038	.	.	.	1064	76	45	.	.	.	122
50103	882	940	.	.	.	1084	243	56	.	.	.	109

[Day 5 and 10 : Moribundity.]

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Female Day(s) Relative to Start Date

0 mg/kg	Blood Chemistry											
	Total Bilirubin (mg/dL)	Total Bilirubin (mg/dL)	Total Bilirubin (mg/dL)	Total Bilirubin (mg/dL)	Total Bilirubin (mg/dL)	Total Bilirubin (mg/dL)	Urea Nitrogen (mg/dL)	Urea Nitrogen (mg/dL)	Urea Nitrogen (mg/dL)	Urea Nitrogen (mg/dL)	Urea Nitrogen (mg/dL)	Urea Nitrogen (mg/dL)
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	0.2	0.0	.	.	.	0.2	15.5	17.4	.	.	.	16.3
50102	0.2	0.1	.	.	.	0.2	22.0	19.4	.	.	.	20.0
50103	0.1	0.1	.	.	.	0.1	19.2	17.1	.	.	.	16.7

[Day 5 and 10 : Moribundity.]

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Female Day(s) Relative to Start Date

0 mg/kg	Blood Chemistry											
	Creatinine (mg/dL)	Creatinine (mg/dL)	Creatinine (mg/dL)	Creatinine (mg/dL)	Creatinine (mg/dL)	Creatinine (mg/dL)	Glucose (mg/dL)	Glucose (mg/dL)	Glucose (mg/dL)	Glucose (mg/dL)	Glucose (mg/dL)	Glucose (mg/dL)
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	0.8	0.7	.	.	.	0.8	72	74	.	.	.	76
50102	0.9	0.9	.	.	.	0.9	81	73	.	.	.	80
50103	1.1	1.1	.	.	.	1.0	83	76	.	.	.	102

[Day 5 and 10 : Moribundity.]

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Female Day(s) Relative to Start Date

0 mg/kg	Blood Chemistry											
	Total Cholesterol (mg/dL)	Total Cholesterol (mg/dL)	Total Cholesterol (mg/dL)	Total Cholesterol (mg/dL)	Total Cholesterol (mg/dL)	Total Cholesterol (mg/dL)	Phospholipid (mg/dL)	Phospholipid (mg/dL)	Phospholipid (mg/dL)	Phospholipid (mg/dL)	Phospholipid (mg/dL)	Phospholipid (mg/dL)
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	107	97	.	.	.	100	168	144	.	.	.	156
50102	153	147	.	.	.	129	187	194	.	.	.	170
50103	119	143	.	.	.	122	159	159	.	.	.	162

[Day 5 and 10 : Moribundity.]

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Female Day(s) Relative to Start Date

0 mg/kg	Blood Chemistry											
	Triglyceride (mg/dL)	Triglyceride (mg/dL)	Triglyceride (mg/dL)	Triglyceride (mg/dL)	Triglyceride (mg/dL)	Triglyceride (mg/dL)	Total Protein (g/dL)	Total Protein (g/dL)	Total Protein (g/dL)	Total Protein (g/dL)	Total Protein (g/dL)	Total Protein (g/dL)
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	25	21	.	.	.	25	8.8	7.9	.	.	.	8.2
50102	20	26	.	.	.	25	8.2	7.9	.	.	.	7.6
50103	32	36	.	.	.	44	8.0	8.1	.	.	.	7.5

[Day 5 and 10 : Moribundity.]

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Female Day(s) Relative to Start Date

0 mg/kg	Blood Chemistry											
	Ca (mg/dL)	Ca (mg/dL)	Ca (mg/dL)	Ca (mg/dL)	Ca (mg/dL)	Ca (mg/dL)	Inorganic Phosphorus (mg/dL)	Inorganic Phosphorus (mg/dL)	Inorganic Phosphorus (mg/dL)	Inorganic Phosphorus (mg/dL)	Inorganic Phosphorus (mg/dL)	Inorganic Phosphorus (mg/dL)
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	11.2	9.9	.	.	.	9.9	4.9	4.8	.	.	.	4.9
50102	11.5	10.3	.	.	.	10.3	4.7	5.9	.	.	.	5.9
50103	11.4	11.5	.	.	.	10.0	5.4	6.1	.	.	.	5.2

[Day 5 and 10 : Moribundity.]

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Female Day(s) Relative to Start Date

0 mg/kg	Blood Chemistry											
	Na	Na	Na	Na	Na	Na	K	K	K	K	K	K
	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	157	149	.	.	.	147	5.3	4.9	.	.	.	4.3
50102	164	157	.	.	.	151	6.2	5.4	.	.	.	4.4
50103	164	164	.	.	.	151	6.1	6.6	.	.	.	4.6

[Day 5 and 10 : Moribundity.]

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]

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Sex: Female Day(s) Relative to Start Date

0 mg/kg	Blood Chemistry											
	Cl	Cl	Cl	Cl	Cl	Cl	A/G Ratio	A/G Ratio	A/G Ratio	A/G Ratio	A/G Ratio	A/G Ratio
	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)						
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	113	116	.	.	.	112	1.44	1.45	.	.	.	1.41
50102	117	113	.	.	.	109	1.48	1.48	.	.	.	1.36
50103	115	116	.	.	.	111	1.37	1.40	.	.	.	1.51

[Day 5 and 10 : Moribundity.]

[Dose level was changed from 500 mg/kg to 250 mg/kg on Day 5.]