

Appendix 5 Blood Chemistry

B120719

Sex: Female Day(s) Relative to Start Date

0 mg/kg	Blood Chemistry											
	Albumin (%)	Albumin (%)	Albumin (%)	Albumin (%)	Albumin (%)	Albumin (%)	Albumin (g/dL)					
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	59.0	59.2	.	.	.	58.5	5.2	4.7	.	.	.	4.8
50102	59.7	59.7	.	.	.	57.6	4.9	4.7	.	.	.	4.4
50103	57.8	58.3	.	.	.	60.2	4.6	4.7	.	.	.	4.5

[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											
	Alpha1 Globulin (%)	Alpha1 Globulin (%)	Alpha1 Globulin (%)	Alpha1 Globulin (%)	Alpha1 Globulin (%)	Alpha1 Globulin (%)	Alpha2 Globulin (%)	Alpha2 Globulin (%)	Alpha2 Globulin (%)	Alpha2 Globulin (%)	Alpha2 Globulin (%)	Alpha2 Globulin (%)
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	3.0	3.2	.	.	.	3.1	6.3	6.7	.	.	.	8.7
50102	3.2	3.4	.	.	.	3.3	9.1	9.2	.	.	.	10.5
50103	3.2	3.9	.	.	.	3.8	10.9	11.3	.	.	.	10.6

[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											
	Beta Globulin (%)	Gamma Globulin (%)										
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	13.9	13.1	.	.	.	12.4	17.8	17.8	.	.	.	17.3
50102	15.7	16.5	.	.	.	15.6	12.3	11.2	.	.	.	13.0
50103	18.9	16.6	.	.	.	16.7	9.2	9.9	.	.	.	8.7

[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											
	Alpha1 Globulin (g/dL)	Alpha2 Globulin (g/dL)										
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	0.3	0.3	.	.	.	0.3	0.6	0.5	.	.	.	0.7
50102	0.3	0.3	.	.	.	0.3	0.7	0.7	.	.	.	0.8
50103	0.3	0.3	.	.	.	0.3	0.9	0.9	.	.	.	0.8

[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											
	Beta Globulin (g/dL)	Gamma Globulin (g/dL)										
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50101	1.2	1.0	.	.	.	1.0	1.6	1.4	.	.	.	1.4
50102	1.3	1.3	.	.	.	1.2	1.0	0.9	.	.	.	1.0
50103	1.5	1.3	.	.	.	1.3	0.7	0.8	.	.	.	0.7

[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

50 mg/kg	Blood Chemistry											
	ASAT (U/L)	ASAT (U/L)	ASAT (U/L)	ASAT (U/L)	ASAT (U/L)	ASAT (U/L)	ALAT (U/L)	ALAT (U/L)	ALAT (U/L)	ALAT (U/L)	ALAT (U/L)	ALAT (U/L)
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50201	31	26	.	104	.	.	36	26	.	38	.	.
50202	29	26	.	.	.	47	48	37	.	.	.	85
50203	34	29	.	.	.	69	46	44	.	.	.	44

[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

50 mg/kg	Blood Chemistry											
	LDH	LDH	LDH	LDH	LDH	LDH	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
50201	166	160	.	468	.	.	75	78	.	37	.	.
50202	186	164	.	.	.	338	54	51	.	.	.	29
50203	297	228	.	.	.	412	73	75	.	.	.	4

[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

50 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
50201	975	1116	.	768	.	.	39	82	.	3674 ¹	.	.
50202	849	669	.	.	.	546	73	33	.	.	.	582
50203	806	777	.	.	.	558	114	54	.	.	.	406

[Day 5 and 10 : Moribundity.]

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

1 [RC:Re-analysis due to sample outside of the assay range]

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Sex: Female Day(s) Relative to Start Date

50 mg/kg	Blood Chemistry											
	Total Bilirubin (mg/dL)	Urea Nitrogen (mg/dL)										
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50201	0.2	0.1	.	0.5	.	.	18.4	19.2	.	178.5	.	.
50202	0.2	0.0	.	.	.	0.3	13.2	14.9	.	.	.	27.4
50203	0.3	0.1	.	.	.	0.5	13.4	16.9	.	.	.	189.4

[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

50 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
50201	0.8	0.8	.	3.9	.	.	68	69	.	77	.	.
50202	0.8	0.8	.	.	.	1.0	83	88	.	.	.	110
50203	0.8	0.8	.	.	.	2.3	73	91	.	.	.	80

[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

50 mg/kg	Blood Chemistry											
	Total Cholesterol (mg/dL)	Phospholipid (mg/dL)										
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50201	124	119	.	121	.	.	184	185	.	210	.	.
50202	90	97	.	.	.	77	141	133	.	.	.	114
50203	111	104	.	.	.	207	176	154	.	.	.	241

[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

50 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
50201	28	27	.	54	.	.	7.6	7.3	.	7.1	.	.
50202	39	34	.	.	.	79	8.1	7.4	.	.	.	7.2
50203	15	26	.	.	.	80	7.8	7.5	.	.	.	8.0

[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

50 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
50201	10.1	10.0	.	9.7	.	.	5.6	5.6	.	12.0	.	.
50202	10.5	10.2	.	.	.	10.3	3.5	4.1	.	.	.	3.5
50203	10.3	9.9	.	.	.	10.4	4.4	4.0	.	.	.	9.1

[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

50 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
50201	154	153	.	108	.	.	5.0	4.9	.	7.3	.	.
50202	153	152	.	.	.	138	5.3	4.7	.	.	.	4.3
50203	153	151	.	.	.	114	4.7	5.0	.	.	.	3.8

[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

50 mg/kg	Blood Chemistry											
	Cl	Cl	Cl	Cl	Cl	Cl	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
50201	111	111	.	62	.	.	1.46	1.46	.	1.30	.	.
50202	112	110	.	.	.	88	1.47	1.48	.	.	.	1.27
50203	111	112	.	.	.	54	1.38	1.38	.	.	.	1.21

[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

50 mg/kg	Blood Chemistry											
	Albumin (%)	Albumin (%)	Albumin (%)	Albumin (%)	Albumin (%)	Albumin (%)	Albumin (g/dL)					
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50201	59.3	59.3	.	56.6	.	.	4.5	4.3	.	4.0	.	.
50202	59.5	59.6	.	.	.	55.9	4.8	4.4	.	.	.	4.0
50203	57.9	58.0	.	.	.	54.8	4.5	4.3	.	.	.	4.4

[Day 5 and 10 : Moribundity.]

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Sex: Female Day(s) Relative to Start Date

50 mg/kg	Blood Chemistry											
	Alpha1 Globulin (%)	Alpha2 Globulin (%)										
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50201	2.7	2.3	.	8.2	.	.	8.0	7.3	.	8.9	.	.
50202	2.9	3.8	.	.	.	6.0	9.3	9.5	.	.	.	13.2
50203	2.9	3.5	.	.	.	6.9	7.5	8.4	.	.	.	8.5

[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

50 mg/kg	Blood Chemistry											
	Beta Globulin (%)	Gamma Globulin (%)										
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50201	16.7	17.2	.	17.6	.	.	13.3	13.9	.	8.7	.	.
50202	17.4	15.9	.	.	.	16.8	10.9	11.2	.	.	.	8.1
50203	18.6	15.8	.	.	.	20.3	13.1	14.3	.	.	.	9.5

[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

50 mg/kg	Blood Chemistry											
	Alpha1 Globulin (g/dL)	Alpha1 Globulin (g/dL)	Alpha1 Globulin (g/dL)	Alpha1 Globulin (g/dL)	Alpha1 Globulin (g/dL)	Alpha1 Globulin (g/dL)	Alpha2 Globulin (g/dL)	Alpha2 Globulin (g/dL)	Alpha2 Globulin (g/dL)	Alpha2 Globulin (g/dL)	Alpha2 Globulin (g/dL)	Alpha2 Globulin (g/dL)
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50201	0.2	0.2	.	0.6	.	.	0.6	0.5	.	0.6	.	.
50202	0.2	0.3	.	.	.	0.4	0.8	0.7	.	.	.	1.0
50203	0.2	0.3	.	.	.	0.6	0.6	0.6	.	.	.	0.7

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Sex: Female Day(s) Relative to Start Date

50 mg/kg	Blood Chemistry											
	Beta Globulin (g/dL)	Gamma Globulin (g/dL)										
	-46	-4	5	10	11	14	-46	-4	5	10	11	14
50201	1.3	1.3	.	1.2	.	.	1.0	1.0	.	0.6	.	.
50202	1.4	1.2	.	.	.	1.2	0.9	0.8	.	.	.	0.6
50203	1.5	1.2	.	.	.	1.6	1.0	1.1	.	.	.	0.8

[Day 5 and 10 : Moribundity.]

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