

Table 4 Food Consumption - Summary

Female

Unit : g/animal/day

Test Article Dose	Day	4	8	11	14
P092 0 mg/kg/day	Mean	17.96	19.84	19.94	20.34
	S.D.	1.87	1.88	2.55	2.40
	n	5	5	5	5
P092 20 mg/kg/day	Mean	18.48	19.88	21.08	22.24
	S.D.	1.58	1.34	2.19	1.86
	n	5	5	5	5
P092 80 mg/kg/day	Mean	16.66	17.88	17.34	18.66
	S.D.	2.73	2.32	2.55	2.45
	n	5	5	5	5
P092 250 mg/kg/day	Mean	9.40 **	9.68 **	11.50 **	
	S.D.	2.06	2.63	3.13	
	n	5	5	4	0

Significantly different from control : \*\*,P<0.01.

Table 5 Hematology - Summary

Male

Test Article	Red Blood Cell Count x10 <sup>6</sup> /μL	Hemoglobin conc. g/dL		Hematocrit %		MCV fL		
		Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	
P092 0 mg/kg/day	Mean		7.514		14.86		43.66	58.14
	S.D.		0.340		0.69		1.46	1.06
	n	0	5	0	5	0	5	5
P092 20 mg/kg/day	Mean		7.478		15.06		44.40	59.40
	S.D.		0.237		0.44		1.58	1.27
	n	0	5	0	5	0	5	5
P092 80 mg/kg/day	Mean		7.618		14.70		43.10	56.58
	S.D.		0.170		0.49		1.48	0.85
	n	0	5	0	5	0	5	5
P092 250 mg/kg/day	Mean	8.060		15.70		45.60		56.60
	S.D.							
	n	1	0	1	0	1	0	1

Table 5 Hematology - Summary

Male

Test Article	MCH		MCHC		Platelet Count x10 <sup>3</sup> /μL		Reticulocyte Ratio %		
	pg		g/dL						
	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	
P092 0 mg/kg/day	Mean		19.76		34.02		1202.4		6.264
	S.D.		0.33		0.61		149.9		1.121
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		20.16		33.94		1183.2		6.356
	S.D.		0.39		0.28		143.5		0.381
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		19.28		34.12		1436.0 *		5.158
	S.D.		0.35		0.16		88.9		0.370
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	19.50		34.40		1760.0		1.290	
	S.D.								
	n	1	0	1	0	1	0	1	0

Significantly different from control : \*,P&lt;0.05.

Table 5 Hematology - Summary

Male

Test Article	Reticulocyte Count x10 <sup>9</sup> /L	PT		APTT		
		Day 11	Day 15	Day 11	Day 15	
P092 0 mg/kg/day	Mean		468.86		13.02	20.92
	S.D.		75.88		0.90	1.20
	n	0	5	0	5	0
P092 20 mg/kg/day	Mean		475.96		11.98	19.66
	S.D.		42.93		1.17	0.87
	n	0	5	0	5	0
P092 80 mg/kg/day	Mean		392.46		11.66	19.76
	S.D.		20.19		1.64	1.68
	n	0	5	0	5	0
P092 250 mg/kg/day	Mean	104.00		9.00		16.10
	S.D.					
	n	1	0	1	0	1

Table 5 Hematology - Summary

Male

Test Article	White Blood Cell Count x10 <sup>3</sup> /µL	Lymphocyte		Neutrophil		Eosinophil		
		Day 11	Day 15	% Day 11	% Day 15	% Day 11	% Day 15	
P092 0 mg/kg/day	Mean		6.892		83.76		12.42	0.92
	S.D.		1.552		3.86		3.99	0.20
	n	0	5	0	5	0	5	5
P092 20 mg/kg/day	Mean		9.062		84.40		12.62	0.80
	S.D.		1.231		1.71		2.39	0.53
	n	0	5	0	5	0	5	5
P092 80 mg/kg/day	Mean		11.574 **		66.88		28.94	0.80
	S.D.		2.325		12.13		12.34	0.29
	n	0	5	0	5	0	5	5
P092 250 mg/kg/day	Mean	25.720		11.10		84.20		0.00
	S.D.							
	n	1	0	1	0	1	0	1

Significantly different from control : \*\*,P&lt;0.01.

Table 5 Hematology - Summary

Male

Test Article	Basophil		Monocyte	
	% Day 11	Day 15	% Day 11	Day 15
P092 0 mg/kg/day	Mean		0.00	2.90
	S.D.		0.00	0.77
	n	0	5	0
P092 20 mg/kg/day	Mean		0.00	2.18
	S.D.		0.00	0.69
	n	0	5	0
P092 80 mg/kg/day	Mean		0.00	3.38
	S.D.		0.00	1.03
	n	0	5	0
P092 250 mg/kg/day	Mean	0.00		4.70
	S.D.			
	n	1	0	1

Table 5 Hematology - Summary

Male

Test Article	Lymphocyte		Neutrophil		Eosinophil		Basophil		
	x10 <sup>3</sup> /μL		x10 <sup>3</sup> /μL		x10 <sup>3</sup> /μL		x10 <sup>3</sup> /μL		
Dose	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	
P092 0 mg/kg/day	Mean		5.808		0.822		0.064		0.000
	S.D.		1.497		0.216		0.018		0.000
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		7.648		1.136		0.078		0.000
	S.D.		1.092		0.207		0.060		0.000
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		7.630		3.480 *		0.088		0.000
	S.D.		1.399		1.828		0.037		0.000
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	2.850		21.660		0.010		0.000	
	S.D.								
	n	1	0	1	0	1	0	1	0

Significantly different from control : \*,P&lt;0.05.

Table 5 Hematology - Summary

Male

Test Article	Dose	Monocyte	
		x10 <sup>3</sup> /μL Day 11	Day 15
P092 0 mg/kg/day	Mean		0.198
	S.D.		0.059
	n	0	5
P092 20 mg/kg/day	Mean		0.200
	S.D.		0.080
	n	0	5
P092 80 mg/kg/day	Mean		0.376 **
	S.D.		0.094
	n	0	5
P092 250 mg/kg/day	Mean	1.200	
	S.D.		
	n	1	0

Significantly different from control : \*\*,P<0.01.



Table 5 Hematology - Summary

Female

Test Article		Red Blood Cell Count x10 <sup>6</sup> /μL		Hemoglobin conc. g/dL		Hematocrit %		MCV fL	
		Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15
P092 0 mg/kg/day	Mean		7.672		15.26		42.94		56.00
	S.D.		0.341		0.63		1.81		1.37
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		7.646		14.98		42.70		55.92
	S.D.		0.389		0.64		1.58		1.93
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		7.694		14.98		42.64		55.42
	S.D.		0.221		0.43		1.53		0.94
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	6.653		13.05		37.93		56.98	
	S.D.	1.033		2.10		6.21		1.69	
	n	4	0	4	0	4	0	4	0

Table 5 Hematology - Summary

Female

Test Article	MCH		MCHC		Platelet Count x10 <sup>3</sup> /μL		Reticulocyte Ratio %		
	pg		g/dL				%		
Dose	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	
P092 0 mg/kg/day	Mean		19.88		35.52		1220.6		3.444
	S.D.		0.36		0.26		72.2		0.663
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		19.60		35.06		1183.8		4.058
	S.D.		0.39		0.56		101.6		0.577
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		19.46		35.14		1512.6		3.398
	S.D.		0.15		0.40		279.4		0.504
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	19.63		34.43		1483.0		0.448	
	S.D.	0.42		0.29		553.7		0.329	
	n	4	0	4	0	4	0	4	0

Table 5 Hematology - Summary

Female

Test Article	Reticulocyte Count x10 <sup>9</sup> /L	PT		APTT	
		Day 11	Day 15	Day 11	Day 15
P092	Mean		262.90	8.88	13.88
0 mg/kg/day	S.D.		42.09	0.26	0.87
	n	0	5	5	5
P092	Mean		309.56	8.52 *	13.98
20 mg/kg/day	S.D.		39.60	0.13	0.99
	n	0	5	5	5
P092	Mean		262.10	8.28 **	13.36
80 mg/kg/day	S.D.		44.82	0.24	1.99
	n	0	5	5	5
P092	Mean	31.43		10.75	21.48
250 mg/kg/day	S.D.	24.83		1.55	5.44
	n	4	0	4	4

Significantly different from control : \*,P&lt;0.05; \*\*,P&lt;0.01.

Table 5 Hematology - Summary

Female

Test Article	White Blood Cell Count x10 <sup>3</sup> /μL	Lymphocyte		Neutrophil		Eosinophil			
		Day 11	Day 15	% Day 11	% Day 15	% Day 11	% Day 15		
P092 0 mg/kg/day	Mean		7.226		85.98		10.42		1.08
	S.D.		1.135		6.49		6.28		0.36
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		8.878		88.32		7.48		1.06
	S.D.		1.104		3.68		2.44		0.13
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		7.364		73.12 *		23.10 *		0.52 *
	S.D.		2.196		9.65		9.74		0.29
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	19.048		8.88		87.50		0.03	
	S.D.	10.851		8.10		10.37		0.05	
	n	4	0	4	0	4	0	4	0

Significantly different from control : \*,P&lt;0.05.

Table 5 Hematology - Summary

Female

Test Article	Dose	Basophil		Monocyte	
		% Day 11	Day 15	% Day 11	Day 15
P092 0 mg/kg/day	Mean		0.00		2.52
	S.D.		0.00		1.08
	n	0	5	0	5
P092 20 mg/kg/day	Mean		0.00		3.14
	S.D.		0.00		1.43
	n	0	5	0	5
P092 80 mg/kg/day	Mean		0.00		3.26
	S.D.		0.00		1.51
	n	0	5	0	5
P092 250 mg/kg/day	Mean	0.00		3.60	
	S.D.	0.00		2.60	
	n	4	0	4	0

Table 5 Hematology - Summary

Female

Test Article		Lymphocyte		Neutrophil		Eosinophil		Basophil	
		x10 <sup>3</sup> /μL Day 11	Day 15	x10 <sup>3</sup> /μL Day 11	Day 15	x10 <sup>3</sup> /μL Day 11	Day 15	x10 <sup>3</sup> /μL Day 11	Day 15
P092 0 mg/kg/day	Mean		6.204		0.762		0.078		0.000
	S.D.		1.052		0.531		0.029		0.000
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		7.824		0.672		0.094		0.000
	S.D.		0.831		0.251		0.022		0.000
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		5.548		1.532 *		0.042		0.000
	S.D.		2.370		0.294		0.031		0.000
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	1.545		16.768		0.005		0.000	
	S.D.	1.349		10.669		0.010		0.000	
	n	4	0	4	0	4	0	4	0

Significantly different from control : \*,P&lt;0.05.

Table 5 Hematology - Summary

Female

Test Article	Monocyte		
		x10 <sup>3</sup> /µL	
Dose		Day 11	Day 15
P092 0 mg/kg/day	Mean		0.182
	S.D.		0.077
	n	0	5
P092 20 mg/kg/day	Mean		0.288
	S.D.		0.174
	n	0	5
P092 80 mg/kg/day	Mean		0.242
	S.D.		0.131
	n	0	5
P092 250 mg/kg/day	Mean	0.730	
	S.D.	0.541	
	n	4	0

Table 6 Blood Chemistry - Summary

Male

Test Article	ASAT(GOT)		ALAT(GPT)		LDH		γGT		
	U/L Day 11	Day 15	U/L Day 11	Day 15	U/L Day 11	Day 15	U/L Day 11	Day 15	
P092	Mean		71.4		21.0		113.4		0.8
0 mg/kg/day	S.D.		7.6		3.7		23.3		0.4
	n	0	5	0	5	0	5	0	5
P092	Mean		67.6		19.6		122.6		1.0
20 mg/kg/day	S.D.		7.8		1.9		41.4		0.0
	n	0	5	0	5	0	5	0	5
P092	Mean		66.4		15.6 *		103.2		0.6
80 mg/kg/day	S.D.		6.8		2.6		29.1		0.5
	n	0	5	0	5	0	5	0	5
P092	Mean	127.0		28.0		237.0		1.0	
250 mg/kg/day	S.D.								
	n	1	0	1	0	1	0	1	0

Significantly different from control : \*,P&lt;0.05.



Table 6 Blood Chemistry - Summary

Male

Test Article	ALP	Creatine Kinase		Total Bilirubin		Urea Nitrogen			
		U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL		
Dose	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	
P092 0 mg/kg/day	Mean		687.0		256.4		0.00		10.72
	S.D.		28.1		48.4		0.00		0.94
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		698.4		268.2		0.00		11.06
	S.D.		112.2		37.5		0.00		0.63
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		617.6		258.6		0.00		14.14 **
	S.D.		136.0		40.9		0.00		1.65
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	469.0		248.0		0.00		28.70	
	S.D.								
	n	1	0	1	0	1	0	1	0

Significantly different from control : \*\*,P&lt;0.01.

Table 6 Blood Chemistry - Summary

Male

Test Article	Creatinine		Glucose		Total Cholesterol		Phospholipid		
	mg/dL		mg/dL		mg/dL		mg/dL		
Dose	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	
P092 0 mg/kg/day	Mean		0.20		108.6		74.6		116.6
	S.D.		0.00		20.6		5.8		10.0
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		0.20		117.6		76.0		112.2
	S.D.		0.00		7.1		11.2		14.0
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		0.20		96.4		69.4		111.8
	S.D.		0.00		8.8		9.5		8.8
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	0.20		148.0		55.0		108.0	
	S.D.								
	n	1	0	1	0	1	0	1	0

Table 6 Blood Chemistry - Summary

Male

Test Article	Dose	Triglyceride		Total Protein		Albumin		A/G Ratio	
		mg/dL	Day 15	g/dL	Day 15	g/dL	Day 15	Day 11	Day 15
P092 0 mg/kg/day	Mean		55.6		5.66		3.24		1.356
	S.D.		23.6		0.32		0.25		0.211
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		50.0		5.80		3.14		1.180
	S.D.		19.9		0.22		0.11		0.101
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		42.4		5.38		2.48 **		0.866 **
	S.D.		16.4		0.18		0.22		0.093
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	45.0		4.70		1.90		0.680	
	S.D.								
	n	1	0	1	0	1	0	1	0

Significantly different from control : \*\*,P&lt;0.01.

Table 6 Blood Chemistry - Summary

Male

Test Article	Albumin		Globulin $\alpha$ 1		Globulin $\alpha$ 2		Globulin $\beta$		
	% Day 11	Day 15	% Day 11	Day 15	% Day 11	Day 15	% Day 11	Day 15	
P092 0 mg/kg/day	Mean		57.26		17.02		10.10		13.66
	S.D.		3.82		3.24		1.14		1.36
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		54.02		17.34		10.46		13.58
	S.D.		2.13		1.96		1.40		0.20
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		46.32 **		18.78		14.28 **		16.32
	S.D.		2.68		1.93		2.20		1.25
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	40.50		19.20		17.00		20.70	
	S.D.								
	n	1	0	1	0	1	0	1	0

Significantly different from control : \*\*,P&lt;0.01.