

Table 6 Blood Chemistry - Summary

Male

Test Article	Globulin $\gamma$		Albumin		Globulin $\alpha_1$		Globulin $\alpha_2$		
	Dose	% Day 11	Day 15	g/dL Day 11	Day 15	g/dL Day 11	Day 15	g/dL Day 11	Day 15
P092 0 mg/kg/day	Mean		1.96		3.24		0.94		0.56
	S.D.		0.60		0.25		0.21		0.05
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		4.60 **		3.14		1.02		0.62
	S.D.		1.17		0.11		0.15		0.04
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		4.30 *		2.48 **		1.00		0.74 **
	S.D.		1.43		0.22		0.16		0.09
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	2.60		1.90		0.90		0.80	
	S.D.								
	n	1	0	1	0	1	0	1	0

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

Table 6 Blood Chemistry - Summary

Male

Test Article	Globulin $\beta$		Globulin $\gamma$		Calcium		Inorganic Phosphorus		
	g/dL		g/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		0.78		0.12		10.22		10.12
	S.D.		0.08		0.04		0.38		0.36
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		0.78		0.26 *		10.36		9.88
	S.D.		0.04		0.09		0.13		0.23
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		0.86		0.24		10.20		11.00
	S.D.		0.05		0.09		0.31		0.85
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	1.00		0.10		8.70		5.60	
	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	Na		K		Cl		
	mmol/L		mmol/L		mmol/L		
Dose	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	
P092	Mean		146.6		4.50		103.6
0 mg/kg/day	S.D.		0.9		0.16		1.1
	n	0	5	0	5	0	5
P092	Mean		146.2		4.34		103.4
20 mg/kg/day	S.D.		1.1		0.54		1.5
	n	0	5	0	5	0	5
P092	Mean		146.2		4.90		105.2
80 mg/kg/day	S.D.		0.8		0.44		0.8
	n	0	5	0	5	0	5
P092	Mean	147.0		4.80		106.0	
250 mg/kg/day	S.D.						
	n	1	0	1	0	1	0

Table 6 Blood Chemistry - Summary

Female

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 0 mg/kg/day	Mean		78.2		15.0		114.8		1.0
	S.D.		7.4		1.9		33.2		0.0
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		71.6		12.2		90.8		1.0
	S.D.		6.9		1.1		12.9		0.0
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		78.0		14.2		127.0		1.0
	S.D.		11.7		3.1		32.1		0.0
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	719.5		108.3		318.5		2.0	
	S.D.	381.8		32.7		201.0		0.8	
	n	4	0	4	0	4	0	4	0

Table 6 Blood Chemistry - Summary

Female

Test Article	ALP		Creatine Kinase U/L		Total Bilirubin mg/dL		Urea Nitrogen mg/dL		
	U/L Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	
P092 0 mg/kg/day	Mean		484.0		198.6		0.00		13.76
	S.D.		60.8		74.5		0.00		1.62
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		412.0		184.0		0.00		13.40
	S.D.		49.9		29.0		0.00		1.40
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		379.2 *		149.4		0.00		20.38 **
	S.D.		57.9		30.2		0.00		2.64
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	630.5		671.3		0.00		38.33	
	S.D.	221.2		414.7		0.00		13.73	
	n	4	0	4	0	4	0	4	0

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

Table 6 Blood Chemistry - Summary

Female

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		0.22		110.0		72.2		124.0
	S.D.		0.04		12.8		6.1		13.1
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		0.22		107.2		72.0		126.4
	S.D.		0.04		12.0		6.2		11.2
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		0.24		110.4		49.4 **		92.0 *
	S.D.		0.05		8.6		11.1		23.6
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	0.20		148.0		38.0		81.8	
	S.D.	0.00		22.5		13.8		27.9	
	n	4	0	4	0	4	0	4	0

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

Table 6 Blood Chemistry - Summary

Female

Test Article		Triglyceride		Total Protein		Albumin		A/G Ratio	
		mg/dL		g/dL		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		13.6		5.76		3.30		1.346
	S.D.		9.2		0.21		0.16		0.064
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		22.0		5.70		3.28		1.376
	S.D.		4.8		0.37		0.16		0.140
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		13.6		5.48		2.80 **		1.046 **
	S.D.		7.7		0.29		0.12		0.105
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	53.5		3.85		1.58		0.690	
	S.D.	39.5		1.34		0.70		0.157	
	n	4	0	4	0	4	0	4	0

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

Table 6 Blood Chemistry - Summary

Female

Test Article	Albumin		Globulin α1		Globulin α2		Globulin β		
	% Day 11	Day 15	% Day 11	Day 15	% Day 11	Day 15	% Day 11	Day 15	
P092 0 mg/kg/day	Mean		57.34		15.76		10.80		12.26
	S.D.		1.22		2.22		1.54		0.69
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		57.76		16.14		10.24		12.60
	S.D.		2.50		0.60		0.21		0.78
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		51.00 **		16.92		14.12 *		15.04 **
	S.D.		2.59		1.64		1.03		1.21
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	40.38		20.05		15.20		19.53	
	S.D.	5.87		3.23		1.44		0.99	
	n	4	0	4	0	4	0	4	0

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



Table 6 Blood Chemistry - Summary

Female

Test Article	Globulin $\gamma$		Albumin		Globulin $\alpha 1$		Globulin $\alpha 2$		
	%		g/dL		g/dL		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		3.84		3.30		0.92		0.62
	S.D.		0.82		0.16		0.15		0.08
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		3.26		3.28		0.94		0.58
	S.D.		1.50		0.16		0.09		0.04
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		2.92		2.80 **		0.94		0.78 **
	S.D.		0.91		0.12		0.13		0.08
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	4.85		1.58		0.75		0.58	
	S.D.	1.44		0.70		0.21		0.17	
	n	4	0	4	0	4	0	4	0

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

Table 6 Blood Chemistry - Summary

Female

Test Article	Globulin $\beta$		Globulin $\gamma$		Calcium		Inorganic Phosphorus		
	g/dL Day 11	Day 15	g/dL Day 11	Day 15	mg/dL Day 11	Day 15	mg/dL Day 11	Day 15	
P092 0 mg/kg/day	Mean		0.70		0.24		9.70		8.90
	S.D.		0.00		0.05		0.40		0.27
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		0.72		0.20		9.90		9.14
	S.D.		0.04		0.12		0.30		0.44
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		0.82 *		0.16		9.62		9.48
	S.D.		0.08		0.09		0.23		0.80
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	0.75		0.18		8.98		6.58	
	S.D.	0.25		0.10		1.26		3.24	
	n	4	0	4	0	4	0	4	0

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

Table 6 Blood Chemistry - Summary

Female

Test Article	Dose	Na		K		Cl	
		mmol/L Day 11	Day 15	mmol/L Day 11	Day 15	mmol/L Day 11	Day 15
P092 0 mg/kg/day	Mean		143.4			4.70	106.0
	S.D.		1.3			0.26	2.3
	n	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		144.4			4.40	106.2
	S.D.		0.5			0.50	1.3
	n	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		145.8 **			4.94	108.6
	S.D.		0.8			0.64	2.3
	n	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	146.3		5.40		104.8	
	S.D.	2.2		1.20		5.0	
	n	4	0	4	0	4	0

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

Table 7 Organ Weight - Summary

Male

Test Article	Final Body Weight		Brain		Pituitary		Thyroids		
	Dose	g	g	g	mg	mg	mg	mg	
	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	
P092	Mean		249.8		1.882		9.50		20.28
0 mg/kg/day	S.D.		16.4		0.073		1.26		1.79
	n	0	5	0	5	0	5	0	5
P092	Mean		248.4		1.880		9.08		20.02
20 mg/kg/day	S.D.		11.0		0.111		0.65		1.84
	n	0	5	0	5	0	5	0	5
P092	Mean		223.8 *		1.902		8.38		18.50
80 mg/kg/day	S.D.		12.6		0.070		0.91		4.11
	n	0	5	0	5	0	5	0	5
P092	Mean	135.4		1.740		7.20		8.80	
250 mg/kg/day	S.D.	14.9							
	n	5	0	1	0	1	0	1	0

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

Table 7 Organ Weight - Summary

Male

Test Article	Thymus		Salivary Glands		Lungs		Heart		
	mg Day 11	Day 15	g Day 11	Day 15	g Day 11	Day 15	g Day 11	Day 15	
P092	Mean		483.2		0.508		1.090		1.042
0 mg/kg/day	S.D.		97.6		0.028		0.049		0.126
	n	0	5	0	5	0	5	0	5
P092	Mean		628.8		0.514		1.154		0.970
20 mg/kg/day	S.D.		76.1		0.055		0.046		0.062
	n	0	5	0	5	0	5	0	5
P092	Mean		501.8		0.458		1.100		0.944
80 mg/kg/day	S.D.		118.5		0.040		0.064		0.136
	n	0	5	0	5	0	5	0	5
P092	Mean	73.0		0.230		0.910		0.580	
250 mg/kg/day	S.D.								
	n	1	0	1	0	1	0	1	0

Table 7 Organ Weight - Summary

Male

Test Article	Liver		Spleen		Kidneys		Adrenals	
	g Day 11	Day 15	g Day 11	Day 15	g Day 11	Day 15	mg Day 11	Day 15
P092	Mean	7.782			0.680		2.116	49.04
0 mg/kg/day	S.D.	0.745			0.167		0.092	3.41
	n	0	5	0	5	0	5	0
P092	Mean		7.778		0.634		2.008	52.70
20 mg/kg/day	S.D.		0.456		0.107		0.187	3.35
	n	0	5	0	5	0	5	0
P092	Mean		7.732		0.424 **		1.884 *	43.86
80 mg/kg/day	S.D.		0.536		0.049		0.081	3.25
	n	0	5	0	5	0	5	0
P092	Mean	7.580		0.170		1.320		53.00
250 mg/kg/day	S.D.							
	n	1	0	1	0	1	0	1

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

Table 7 Organ Weight - Summary

Male

Test Article	Testes		Prostate		Epididymides		
	g Day 11	Day 15	g Day 11	Day 15	g Day 11	Day 15	
P092	Mean		2.552		0.386		0.514
0 mg/kg/day	S.D.		0.205		0.082		0.085
	n	0	5	0	5	0	5
P092	Mean		2.594		0.332		0.546
20 mg/kg/day	S.D.		0.314		0.078		0.078
	n	0	5	0	5	0	5
P092	Mean		2.758		0.280		0.554
80 mg/kg/day	S.D.		0.105		0.038		0.059
	n	0	5	0	5	0	5
P092	Mean	1.920		0.120		0.260	
250 mg/kg/day	S.D.						
	n	1	0	1	0	1	0

Table 7 Organ Weight - Summary

Female

Test Article	Final Body Weight		Brain		Pituitary		Thyroids		
	g		g		mg		mg		
Dose	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	
P092 0 mg/kg/day	Mean		177.0		1.856		10.16		17.76
	S.D.		12.0		0.067		1.89		3.45
	n	0	5	0	5	0	5	0	5
P092 20 mg/kg/day	Mean		182.4		1.844		11.20		18.02
	S.D.		12.4		0.038		1.10		3.76
	n	0	5	0	5	0	5	0	5
P092 80 mg/kg/day	Mean		166.4		1.846		10.04		14.94
	S.D.		12.4		0.053		1.92		1.94
	n	0	5	0	5	0	5	0	5
P092 250 mg/kg/day	Mean	125.2		1.628		7.18		12.28	
	S.D.	13.4		0.067		0.90		1.61	
	n	5	0	4	0	4	0	4	0



Table 7 Organ Weight - Summary

Female

Test Article	Thymus		Salivary Glands		Lungs		Heart	
	mg		g		g		g	
Dose	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15
P092 0 mg/kg/day	Mean	526.8		0.372		0.926		0.712
	S.D.	62.1		0.034		0.073		0.062
	n	0	5	0	5	0	5	0
P092 20 mg/kg/day	Mean	512.6		0.384		0.942		0.786
	S.D.	173.6		0.049		0.053		0.048
	n	0	5	0	5	0	5	0
P092 80 mg/kg/day	Mean	414.8		0.350		0.908		0.656
	S.D.	92.8		0.046		0.087		0.061
	n	0	5	0	5	0	5	0
P092 250 mg/kg/day	Mean	39.5		0.165		0.808		0.490
	S.D.	15.2		0.037		0.046		0.034
	n	4	0	4	0	4	0	4

Table 7 Organ Weight - Summary

Female

Test Article	Liver		Spleen		Kidneys		Adrenals	
	g Day 11	Day 15	g Day 11	Day 15	g Day 11	Day 15	mg Day 11	Day 15
P092 0 mg/kg/day	Mean	5.510		0.390		1.486		55.22
	S.D.	0.512		0.065		0.167		5.75
	n	0	5	0	5	0	5	0
P092 20 mg/kg/day	Mean	6.020		0.412		1.590		57.62
	S.D.	0.458		0.075		0.131		4.61
	n	0	5	0	5	0	5	0
P092 80 mg/kg/day	Mean	6.002		0.370		1.510		60.80
	S.D.	0.506		0.073		0.102		9.99
	n	0	5	0	5	0	5	0
P092 250 mg/kg/day	Mean	5.808		0.105		1.043		63.38
	S.D.	1.243		0.052		0.086		11.79
	n	4	0	4	0	4	0	4

Table 7 Organ Weight - Summary

Female

Test Article	Ovaries		Uterus	
	mg Day 11	Day 15	g Day 11	Day 15
P092 0 mg/kg/day	Mean		80.98	0.520
	S.D.		14.31	0.320
	n	0	5	0
P092 20 mg/kg/day	Mean		89.56	0.484
	S.D.		12.71	0.263
	n	0	5	0
P092 80 mg/kg/day	Mean		88.20	0.590
	S.D.		10.80	0.333
	n	0	5	0
P092 250 mg/kg/day	Mean	44.23		0.168
	S.D.	7.65		0.028
	n	4	0	4

Table 8 Relative Organ Weight - Summary

Male

Test Article	Final Body Weight	Brain		Pituitary		Thyroids		
		g	%	x10 <sup>-3</sup> %	x10 <sup>-3</sup> %			
Dose	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15	Day 11	Day 15
P092 0 mg/kg/day	Mean	249.8		0.756		3.78		8.12
	S.D.	16.4		0.052		0.39		0.66
	n	0	5	0	5	0	5	0
P092 20 mg/kg/day	Mean	248.4		0.760		3.66		8.08
	S.D.	11.0		0.053		0.35		0.91
	n	0	5	0	5	0	5	0
P092 80 mg/kg/day	Mean	223.8 *		0.850 *		3.72		8.26
	S.D.	12.6		0.045		0.29		1.68
	n	0	5	0	5	0	5	0
P092 250 mg/kg/day	Mean	135.4	1.120		4.60		5.60	
	S.D.	14.9						
	n	5	0	1	0	1	0	1

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