

Table 1 Cytokine and growth factor concentrations in canine serum, plasma, and autologous conditioned serum (ACS).

	N		Serum (pg/mL)	Plasma (pg/mL)	ACS (pg/mL)	P-Value		
						Serum vs. Plasma	Serum vs. ACS	Plasma vs. ACS
Interleukin-1 Receptor Antagonist Protein	22*	Median	854.1	692.3	3,458.9	0.03	.06	<.001
		Range	692.3-1,663.5	422.5-1,474.6	1,243.1-12,089.0			
		IQR	813.7-1,623.0	611.3-1,070.0	2,351.0-5,849.6			
Interleukin-1 β	22*	Median	13.0	36.6	46.3	0.18	0.28	0.05
		Range	0.0-180.0	0.0-657.1	0.0-828.8			
		IQR	0.0-85.3	0-159.8	0.5-150.6			
Tumor Necrosis Factor- α	22*	Median	7.5	0.0	0.0	0.86	0.18	0.84
		Range	0.0-28.7	0-79.1	0.0-154.0			
		IQR	0.0-20.1	0.0-6.9	0.0-1.2			
Interleukin-4	16	Median		0.0	0.0	-	-	0.03
		Range	-	0.0-0.0	0.0-244.1			
		IQR		0.0-0.0	0.0-47.2			
Interleukin-10	16	Median		79.0	72.3	-	-	0.21
		Range	-	31.4-2,630.3	27.2-2,189.3			
		IQR		47.5-246.0	44.4-179.0			
Transforming Growth Factor- β 1	16	Median		494.2	478.6	-	-	0.32
		Range	-	129.6-1,018.5	216.4-1,016.5			
		IQR		282.2-784.4	272.7-862.2			
Insulin-like Growth Factor-1	16	Median		107.8	88.1	-	-	0.63
		Range	-	26.3-824.4	23.0-763.7			
		IQR		49.5-279.0	32.9-271.4			

Fibroblastic Growth Factor-2	16	Median		0.0	0.0			
		Range	-	0.0-98.8	0.0-73.5	-	-	0.50
		IQR		0.0-0.0	0.0-0.0			

N=number of dogs; * n=6 samples for serum. IQR=interquartile range