

Primary antibody	Rabbit anti-IgG Fc	Goat anti-IgG ₁	anti-IgG ₂ mAb	4E3D9 mAb
Chad negative dog serum	1,622	21,690	661	76
Chad positive dog serum	23,042	29,442	980	26,235
IgG Fraction W	1,559	22,833	43	5,087
IgG Fraction X	28,893	16,693	28,189	2,171
IgG Fraction Y	11,007	15,633	6,951	3,072
IgG Fraction Z	22,437	29,575	2,043	25,298

Supplemental Table 1. Reactivity (in MFI-bg units) of canine serum fractions with GW TRXL1 antigen by multiplex bead assay.

Primary antibody	Rabbit anti-IgG Fc	Goat anti-IgG ₁	anti-IgG ₂ mAb	4E3D9 mAb
Chad negative dog serum	997	20,993	375	82
Chad positive dog serum	1,340	19,339	350	1,664
IgG Fraction W	37	333	16	23
IgG Fraction X	654	50	303	8
IgG Fraction Y	1057	125	510	26
IgG Fraction Z	237	3,348	46	356

Supplemental Table 2. Reactivity (in MFI-bg units) of canine serum fractions with GW HSP1 antigen by multiplex bead assay.

Primary antibody	Rabbit anti-IgG Fc	Goat anti-IgG ₁	anti-IgG ₂ mAb	4E3D9 mAb
Chad negative dog serum	1,062	14,461	409	35
Chad positive dog serum	1,324	22,205	369	728
IgG Fraction W	79	739	26	121
IgG Fraction X	1,845	233	857	46
IgG Fraction Y	14,277	730	9,001	95
IgG Fraction Z	991	10,100	179	1,454

Supplemental Table 3. Reactivity (in MFI-bg units) of canine serum fractions with GW HSP2 antigen by multiplex bead assay.

Chad negative dog serum	181	2,694	68	9
Chad positive dog serum	181	4,811	63	7
IgG Fraction W	8	80	0	7
IgG Fraction X	287	21	143	0
IgG Fraction Y	153	76	72	8
IgG Fraction Z	36	415	7	44

Supplemental Table 4. Reactivity (in MFI-bg units) of canine serum fractions with GST negative control protein by multiplex bead assay.