

Measurand	Sample Type	Reference	Health Status	Breed(s)	Subjects (n) Samples Frequency	CV _I (%)	CV _G (%)	CV _A (%) Source	II Category	RCV (95%) RCV (99%)	Comments
Free T4	Plasma (citrate)	8	Healthy	Beagle	8 4 weekly	20.2	24.3	6.7 duplicate	1.1 Intermediate	59.0 77.7	Boehringer Mannheim Enzymun-Test ELISA
Fructosamine	Serum	4	Healthy	Beagle	20 5 weekly	109.6µmol/L	177.5µmol/L	21.8µmol/L duplicate	Cannot calculate	32.4µmol/L	Fructosamine Plus (Roche) on Cobas Fara, Gaussian distribution.
Fructosamine	Serum	11	Healthy	Beagle	154 6 weekly	Not reported	Not reported	Not reported duplicate	Cannot calculate	33.5µmol/L	Bayer Technicon RA-500 reduction test with nitroblue
Fructosamine	Serum	13	Healthy	Beagle	23 9 monthly	11.1	4.2	2.8 duplicate	0.4 Low	31.7 41.8	Cobas Ferra Roche analyser, Several fructosamine kits.
Glycosylated hemoglobin	EDTA Whole Blood	14	Healthy	Beagle	15 5 weekly	Not reported	Not reported	Not reported duplicate	Cannot calculate	0.4	Overall CV _i and CV _g not reported. RCV calculated with Z factor = 2. Immunoturbidometric monoclonal antibody.
Thyroid stimulating hormone	Serum	12	Healthy	Beagle	8 5 weekly	13.6	43.6	8.8 duplicate	2.7 High	131.3 173.0	Immulite canine TSH assay, 2 sided assessment here, study used 1 sided assessment.