

## Biochemistry

Test	Range (Vettest 8008) <sup>1</sup>	(VLA) <sup>2</sup>	Units
ALB	28-38	29-43	g/l
ALKP	75-228	0-300	U/l
ALT	23-44		U/l
Amylase	1-30		U/l
AST	122-321	0-300	U/l
BHB	0-1.2	0-1.2	mmol/l
BUN	3.6-7.5	4-8.6	mmol/l
Calcium	2.05-2.45	2.3-2.9	mmol/l
Chloride		98-110	mmol/l
Cholesterol	1.63-2.79	1.0-3.0	mmol/l
CK	28-130	0-100	U/l
Copper		9-25	µmol/l
Creatinine	53-124	54-123	µmol/l
GGT	60-101	0-30	U/l
GLDH		0-10	U/l
Globulin	36-40	23-46	g/l
Glucose	3.0-5.2	2.4-4.0	mmol/l
GSH-Px		>60	U/ml RBCs
Haptoglobin		<0.1	g/l
LDH	811-1250	0-400	U/l
Magnesium		0.8-1.3	mmol/l
Pepsinogen		0-1	U/l
Phosphate	1.35-2.45	1-2.4	mmol/l
Potassium		3.4-6.1	mmol/l
Sodium		135-156	mmol/l
T4		43-90	nmol/l
Total bilirubin	0.9-6.0	0-7	µmol/l
Total protein	64-78	62-79	g/l
Triglycerides	0.11-0.33		mmol/l
Vitamin B <sub>12</sub>		>221	pmol/l

Values for enzymes are shown for assays carried out at 37 C. All values shown are for serum with the exception of phosphate and glucose (oxalate fluoride plasma) and copper (whole blood). Variations may occur within ranges according to breed, age and sex, etc. Individual laboratories will have their own reference ranges and should be consulted before attempting to interpret haematological or biochemical results.

Reference ranges are based on published and unpublished data supplied by:

<sup>1</sup> Idexx Laboratories Ltd., Chalfont St. Peter, Buckinghamshire, UK. (Vettest 8008 is an automated biochemistry analysis in use in many practice laboratories.)

<sup>2</sup> Veterinary Laboratories Agency, New Haw, Weybridge, Surrey, UK.