



Haematology and General Biochemistry Reference Ranges Adult Leisure Horses

	Acronym	Units	Mean	Normal Range
Haematology				
Red Blood Cells	RBC	x 10 ¹² /L	7.96	6-10
Haemoglobin	Hb	g/dL	13.0	9.7-16.3
Haematocrit	HCT	%	36.9	31-46
Mean Corpuscular Volume	MCV	fL	47.0	37-47
Mean Corpuscular Haemoglobin	MCH	pg	16.6	12.5-19
Mean Corpuscular Haemoglobin Conc ⁿ	MCHC	g/dL	35.4	33.5-37
White Blood Cells	WBC	x 10 ⁹ /L	8.7	5.5-12
Neutrophils	NEU	%	60.4	55-65
Lymphocytes	LYM	%	31.5	35-45
Monocytes	MON	%	4.4	0-6.5
Eosinophils	EOS	%	2.26	0-5
Basophils	BASO	%	0.85	0-3
Platelets	PLT	x 10 ⁹ /L	164	90-250
Biochemistry				
Albumin	ALB	g/L	32	28-36
Aspartate aminotransferase	AST	iU/L	310	210-414
Bile Acids	BA	µmol/L	13	3-22
Bilirubin	BIL	µmol/L	31.1	10-55
Creatinine	CREA	µmol/L	101	70-130
Creatine Kinase	CK	iU/L	276	140-390
Fibrinogen	FIB	g/L	3.0	2.4-3.7
Gamma-Glutamyl Transferase	GGT	iU/L	40	8-55
Globulin	GLOB	g/L	28	20-37
Glutamate Dehydrogenase	GLDH	iU/L	8.5	1-16
Protein, Total	TP	g/L	61	51-72
SAA	SAA	mg/L	1.3	0-14
Serum Alkaline Phosphatase	ALP	iU/L	182	99-291
Urea	URE	mmol/L	6	4-8