

PARAMETERS: BIOCHEMISTRY AND HAEMATOLOGY



Parameters for an adult donkey.

Haematology			
	Units	Ave	Range
RBC	10 ¹² /l	5.5	(4.4 – 7.1)
PCV	%	33	(27 – 42)
Hb	g/dl	11.0	(8.9 – 14.7)
MCH	pg	20.6	(17.6 – 23.1)
MCHC	g/dl	34	(31 – 37)
MCV	fl	60	(53 – 67)
WBC	10 ⁹ /l	10	(6.2 – 15)
NEU%	%	38.3	(23 – 59)
NEU T	10 ⁹ /l	3.7	(2.4 – 6.3)
EOS%	%	4.0	(0.9 – 9.1)
EOST	10 ⁹ /l	0.4	(0.1 – 0.9)
BAS%	%	0.05	(0 – 0.5)
BAST	10 ⁹ /l	0	(0 – 0.07)
LYM%	%	54	(34 – 69)
LYM T	10 ⁹ /l	5.5	(2.2 – 9.6)
MON%	%	3.0	(0.5 – 7.5)
MON T	10 ⁹ /l	0.3	(0 – 0.75)
Platelets	10 ⁹ /l	201	(95 – 384)
RDW	%	18.3	(16.1 – 22)

Clotting Factors		
	Units	Range
Fibrinogen	g/l	(0.6 – 2.6)
Prothrombin	seconds	(8.9 – 14.5)

Biochemistry			
	Units	Ave	Range
Trig	mmol/l	1.4	(0.6 – 2.8)
CPK	u/l	208	(128 – 525)
AST	u/l	362	(238 – 536)
GGT	u/l	24	(14 – 69)
GLDH	u/l	2.5	(1.2 – 8.2)
ALP	u/l	152	(98 – 252)
Bile acids	µmol/l	10	(2.6 – 18.6)
Tbil	µmol/l	1.6	(0.1 – 3.7)
TP	g/l	65	(58 – 76)
Alb	g/l	26	(22 – 32)
Glob	g/l	38	(32 – 48)
Creat	µmol/l	87	(53 – 118)
Urea	mmol/l	3.2	(1.5 – 5.2)
Amylase	u/l	4	(1 – 10.6)
Lipase	u/l	12.9	(7.8 – 27.3)
Glucose	mmol/l	4.43	(3.9 – 4.7)
Calcium	mmol/l	3	(2.2 – 3.4)
Na	mmol/l	133	(128 – 138)
K	mmol/l	4.3	(3.2 – 5.1)
Cl	mmol/l	102	(96 – 106)
Chol	mmol/l	2.0	(1.4 – 2.9)