Element RC

REFERENCE VALUES

Parameter	SI Unit	Measurement Range	Dog*	Cat*	Horse*
A/G ratio***	-	-	0.7 - 1.5	0.5 - 0.8	0.5 - 1.3
ALB	g/l	5 - 80	25 - 37	21 - 33	25 - 40
ALP	U/l	5 - 1300	0 - 150	0 - 115	0 - 290
ALT	U/l	5 - 650	0 - 165	0 - 112	-
AMY	U/l	5 - 4000	0 - 1355	0 - 1600	-
AST	U/l	5 - 650	0 - 69	0 - 41	0 - 433
BUN	mmol/l	1.1 - 124.2	1.1 - 5.7	5.0 - 9.3	1.7 - 3.3
CA	mmol/l	0.4 - 5.2	2.2 - 2.6	2.1 - 2.5	3.5 - 7.1
CK	U/l	5 - 4000	0 - 292	0 - 317	0 - 400
CL	mmol/l	30 - 185	97 - 126	97 - 133	83 - 99
CREA	µmol/l	10 - 1800	51 - 108	102 - 179	54 - 162
GGT**	U/l	2 - 1200	0 - 5	0 - 5	0 - 25
GLOB***	g/l	-	21 - 40	41 - 57	29 - 52
GLU	mmol/l	0.8 - 30	3.44 - 6.50	3.61 - 8.10	3.77 - 6.05
K	mmol/l	1.5 - 10.0	3.6 - 3.6	3.0 - 4.7	2.8 - 4.9
LDH	U/l	0 - 1200	- - -	-	0 - 100
MG	mmol/l	0.2 - 3.29	0.5 - 0.5	0.62 - 1.10	0.70 - 1.23
NA	mmol/l	90 - 200	140 - 140	146 - 155	134 - 149
PHOS	mmol/l	0.03 - 12.92	1.06 - 2.10	1.19 - 1.81	0.65 - 1.52
TB (Total Bilirubin)	µmol/l	1 - 250	0 - 5	0 - 5	0 - 44
TBA (Total Bile Acids)**	µmol/l	0 - 120	0 - 20	0 - 18	0 - 12
TC (Cholesterol)**	mmol/l	0.3 - 12	3.1 - 10.1	1.8 - 3.9	2.3 - 4.4
TCO2	mmol/l	5 - 50	14 - 25	13 - 23	20 - 34
TP (Total Protein)	g/l	5 - 135	50 - 73	69 - 93	65 - 85
TG (Triglycerides)	mmol/l	0.3 - 7	0.32 - 2.20	0.26 - 1.56	0 - 0.91
UA	µmol/l	10 - 1300	-	-	-

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Element RC

REFERENCE VALUES

Parameter	SI Unit	rabbit**	ferret**	guinea pig**	rat***	mouse***	pig**	cattle**	sheep**	goat**
A/G ratio	-	-	-	-	-	-	-	-	-	-
ALB	g/l	36 - 57	28 - 44	26 - 41	41 - 54	30 - 40	-	30 - 42	-	-
ALP	U/l	0 - 397	0 - 141	0 - 418	70 - 132	66 - 262	0 - 170	0 - 300	0 - 100	0 - 340
ALT	U/l	0 - 61	0 - 242	0 - 61	26 - 37	40 - 189	0 - 68	0 - 50	0 - 14	0 - 19
AMYL	U/l	0 - 459	0 - 62	0 - 3159	-	-	0 - 3500	-	-	-
AST	U/l	0 - 28	0 - 142	0 - 90	40 - 53	77 - 383	0 - 35	0 - 80	0 - 75	0 - 65
BUN	mmol/l	2.4 - 8.4	2.2 - 7.9	3.31 - 10.3	5.7 - 6.7	7.47 - 9.25	3.2 - 8.2	3.3 - 5.0	4.3 - 8.2	3.2 - 8.2
CA	mmol/l	3.1 - 3.9	2.0 - 2.6	2.4 - 3.1	2.62 - 3.24	1.97 - 2.62	2.4 - 3.5	2.3 - 2.8	2.1 - 2.7	2.2 - 2.8
CK	U/l	0 - 958	0 - 730	0 - 2143	0 - 309	-	0 - 2000	0 - 100	0 - 25	0 - 65
CI	mmol/l	93 - 109	108 - 119	94 - 111	85 - 102	99 - 108	102 - 106	95 - 110	100 - 106	-
CREA	µmol/l	34 - 166	23 - 76	0 - 77	44.2 - 123.8	0 - 44.2	40 - 133	88 - 177	53 - 124	44 - 106
GGT	U/l	0 - 13	0 - 14	0 - 13	-	-	0 - 45	0 - 50	0 - 32	0 - 23
GLOB***	g/l	13 - 17	-	19 - 25	-	-	-	-	-	-
GLU	mmol/l	5.8 - 14.8	3.0 - 8.5	5.0 - 16.0	6.3 - 7.9	10.8 - 15.3	3.9 - 6.4	2.2 - 3.3	2.2 - 3.3	2.2 - 3.1
K	mmol/l	3.7 - 6.3	3.9 - 5.9	4.5 - 8.8	5.3 - 7.5	5.3 - 6.3	4.0 - 5.0	3.5 - 4.5	3.5 - 4.5	-
LDH*****	U/l	0 - 571	0 - 1780	0 - 515	-	-	361 - 705	162 - 412	238 - 440	132 - 392
MG	mmol/l	0.9 - 1.65	0.9 - 1.6	1.0 - 2.6	-	-	0.5 - 1.3	0.8 - 1.3	0.8 - 1.2	1.0 - 1.2
NA	mmol/l	139 - 149	140 - 169	130 - 150	143 - 150	138 - 186	140 - 160	135 - 157	149 - 160	-
PHOS	mmol/l	0.81 - 3.15	1.0 - 3.1	1.0 - 6.9	1.6 - 4.2	1.8 - 2.9	2.1 - 3.3	1.6 - 2.3	1.3 - 1.9	1.4 - 2.3
TB (Total Bilirubin)	µmol/l	0.29 - 2.53	0 - 3.3	0 - 1.71	0 - 10.26	-	0 - 4.3	0 - 5.0	0 - 6.8	0 - 6.8
TBA (Total Bile Acids)**	µmol/l	-	-	-	-	-	-	-	-	-
TC (Cholesterol)**	mmol/l	0.3 - 2.7	2.4 - 7.1	0.3 - 1.7	0.9 - 2.6	-	2.0 - 3.3	2.0 - 3.11	1.2 - 1.9	2.0 - 3.4
TCO2	mmol/l	-	-	-	-	-	-	-	-	-
TP (Total Protein)	g/l	59 - 74	54 - 77	44 - 66	64 - 85	50 - 70	0 - 86	60 - 80	55 - 75	65 - 75
TG (Triglycerides)	mmol/l	0.5 - 3.4	0.5 - 2.8	0.3 - 2.4	-	-	0 - 0.5	0.17 - 0.51	0.06 - 0.34	-
UA	µmol/l	10 - 1300	-	-	-	-	-	-	-	-

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Element RC

REFERENCE VALUES

Parameter	SI Unit	African Grey Parrot*	Amazon Parrot*	Budgerigar*	Cockatoo*	Macaw*	Racing pigeons*	Turtle*	Iguana*
A/G ratio***		-	-	-	-	-	-	-	-
ALB	g/l	15.7 - 32.3	19.0 - 35.2	-	18 - 31	12.4 - 31.1	13 - 22	13 - 30	10 - 16
ALP	U/l	20 - 160	15 - 150	10 - 80	15 - 255	20 - 230	-	36 - 156	-
ALT	U/l	5 - 12	5 - 11	-	5 - 11	5 - 12	19 - 48	-	-
AMY	U/l	210 - 530	205 - 510	-	-	150 - 550	-	-	-
AST	U/l	100 - 365	130 - 350	145 - 350	145 - 355	100 - 300	45 - 123	14 - 18	-
BUN	mmol/l	1.1 - 1.9	1.1 - 1.9	-	1.1 - 1.8	1.1 - 2.0	0.9 - 1.5	6.8 - 11.8	2.1 - 5.3
CA	mmol/l	2.1 - 3.2	2.1 - 3.2	1.6 - 2.7	2.0 - 3.2	2.1 - 3.2	1.9 - 2.6	2.5 - 3.6	2.2 - 6.3
CK	U/l	165 - 412	55 - 345	90 - 300	95 - 305	100 - 300	-	-	-
CL	mmol/l	-	-	-	-	-	-	-	-
CREA	µmol/l	8.8 - 35.4	8.8 - 35.5	8.8 - 35.6	8.8 - 35.7	8.8 - 44.2	23 - 35.8	8.8 - 35.8	8.8 - 61.9
GGT	U/l	1 - 10	1 - 12	1 - 10	1 - 45	1 - 30	0 - 2.9	5 - 20	-
GLOB***	g/l	-	-	-	25 - 38	-	6 - 13	16 - 40	-
GLU	mmol/l	10.6 - 19.4	10.6 - 19.2	10.6 - 21.7	10.3 - 19.7	8.1 - 19.2	12.9 - 20.5	-	8.3 - 15.5
K	mmol/l	2.9 - 4.6	3.0 - 4.5	2.2 - 3.9	2.5 - 4.5	2 - 5	3.9 - 4.7	-	-
LDH	U/l	-	-	-	-	-	-	-	-
MG	mmol/l	-	-	-	-	-	1.1 - 1.8	-	-
NA	mmol/l	157 - 165	125 - 155	139 - 165	130 - 155	140 - 165	141 - 149	-	-
PHOS	mmol/l	1.0 - 1.7	1.0 - 1.8	1.0 - 1.7	0.8 - 1.8	0.6 - 3.9	0.6 - 1.3	-	1.1 - 3.2
TBA (Total Bile Acids)	µmol/l	13 - 90	18 - 60	15 - 70	25 - 87	6 - 35	22 - 60	-	-
TBIL (Total Bilirubine)	µmol/l	-	-	-	-	-	-	1.7 - 10.3	6.8 - 17.1
TC (Cholesterol)**	mmol/l	4.1 - 11	4.7 - 7.9	3.8 - 7.1	3.8 - 9.2	2.6 - 10.1	-	-	2.9 - 8.8
TCO2	mmol/l	13 - 25	13 - 26	14 - 25	14 - 25	14 - 25	-	-	-
TP (Total Protein)	g/l	-	-	-	-	-	21 - 33	30 - 70	28 - 69
TG (Triglycerides)	mmol/l	-	-	-	-	-	-	-	-
UA	µmol/l	267 - 565	136 - 594	267 - 832	208 - 624	148 - 654	149 - 765	-	89 - 356

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