

R. Hasbun, A. J. Lawrence, J. Naldo, J. H. Samour and S. M. Al-Ghais (1998). Normal blood chemistry of free-living green sea turtles, (*Chelonia mydas*) from the United Arab Emirates. *Comparative Haematology International*, **8**: 174-177.

Table 1. Blood chemistry values from clinically normal, free-living green sea turtles (*Chelonia mydas*).

Assay	Large females (CCL>89 cm)			Large males (CCL>89 cm)			Medium turtles (CCL >70 X < 88)			Small turtles (CCL<69 cm)		
	Mean ±SD	n	Range	Mean ± SD	n	Range	Mean ± SD	n	Range	Mean ± SD	n	Range
ALP (U/L)	27.21±9.65	n=19	10-43	29.75±16.59	n=16	11-62	28.92±9.9	n=13	15-51	33.92±17.25	n=12	12-64
LDH (U/L)	211.66±139.39	n=18	50-491	85.08±39.15	n=13	21-153	99.92±72.59	n=12	24-223	86.17±51.24	n=12	18-173
AST (U/L)	153.5±48.48	n=18	65-243	182.35±46.71	n=17	109-267	176.92±47.87	n=13	136-303	178.25±61.02	n=12	112-336
PHOS (mg/dl)	8.06±1.96	n=14	3.3-11.7	7.11±1.92	n=12	4.4-11.1	7.55±1.61	n=10	4.4-9.9	8.53±1.6	n=9	6.4-11.2
ALB (g/dl)	1.91±0.32	n=11	1.5-2.5	1.97±0.30	n=9	1.4-2.4	1.96±0.3	n=7	1.6-2.5	1.31±0.46	n=6	0.6-2
TP (g/dl)	5.73±0.55	n=17	4.7-6.8	6.34±1.7	n=17	3.9-7	5.9±0.9	n=13	4.5-7.5	4.54±1.05	n=11	2.8-6.5
CREA (mg/dl)	0.43±0.11	n=16	0.26-0.64	0.51±0.14	n=17	0.27-0.77	0.5±0.1	n=13	0.35-0.67	0.42±0.12	n=11	0.21-0.58
IRON (ug/dl)	77.75±35.72	n=12	50-163	52.2±13.7	n=9	39-78	64.29±20	n=7	35-98	41.17±15.2	n=6	23-62
CK (U/L)	702±830.11	n=12	122-3075	930.67±901.33	n=9	227-3013	383.86±162.8	n=7	228-706	425±176.7	n=6	173-619
BUN (mg/dl)	12.28±9.53	n=18	1-42	7.15±5.63	n=13	3-25	7.83±6.66	n=12	4-28	19.55±29.3	n=11	2-87
CA (mg/dl)	6.86 ± 3.0	n=13	3.02 - 11.03	10.46 ± 2.6	n=11	5.12 - 14.8	8.99 ± 2.98	n=10	3.99- 12.57	8.18 ± 1.96	n=9	4.36 - 9.83
MG (mg/dl)	7.6±0.24	n=12	7.24-7.96	7.75±0.22	n=9	7.28-8.02	7.79±0.18	n=7	7.56-8.02	7.37±0.57	n=6	6.31-7.82
CHOL (mg/dl)	226.08±123.06	n=13	110-519	181.8±51.87	n=10	118-257	167.71±26.46	n=7	127-206	121.17±43.07	n=6	70-199
TRIG (mg/dl)	433.85±633.52	n=13	55-2289	163.4±72.84	n=10	82-294	197.57±81.1	n=7	71-282	113.5±83.9	n=6	25-273
UA (mg/dl)	0.69±0.49	n=16	0-1.6	0.53±0.4	n=12	0-1.3	0.5±0.42	n=10	0-1.5	0.83±0.56	n=10	0.1-1.9
Na (mEq/l)	146±5.4	n=9	135-153	144.33±7.64	n=3	136-151	151±1.41	n=2	150-152	148.4±6.91	n=5	138-157
K (mEq/l)	6.61±2.22	n=9	4.5-10.9	5.1±0.95	n=3	4.5-6.2	5.2±0	n=2	5.2-5.2	4.78±0.42	n=5	4.2-5.2
Cl (mEq/l)	93.78±10.46	n=9	79-105	92±10.58	n=3	84-104	97.5±4.95	n=2	94-101	101.6±4.04	n=5	97-108

SD = Standard Deviation, n = number of samples.