

Beagle baseline data

Cumberland, VA

Blood chemistry	Reference range	Units	4 month male beagle	4 month female beagle	6 month male beagle	6 month female beagle	8 month male beagle	8 month female beagle
Total Protein	5.0-7.4	g/dL	5.1	5.2	5.8	5.8	5.8	5.8
Albumin	2.7-4.4	g/dL	3.0	3.2	3.2	3.3	3.4	3.3
Globulin	1.6-3.6	g/dL	2.1	2.1	2.6	2.4	2.5	2.5
A/G Ratio	0.8-2.0	RATIO	1.4	1.5	1.3	1.4	1.4	1.3
AST (SGOT)	15-66	U/L	39	33	39	40	33	34
ALT (SGPT)	12-118	U/L	41	41	42	45	43	50
Alk Phosphatase	5-131	U/L	123	130	88	93	60	58
GGTP	1-12	U/L	5	4	4	4	4	4
Total Bilirubin	0.1-0.3	mg/dL	0.1	0.2	0.1	0.2	0.1	0.2
Urea Nitrogen	6-31	mg/dL	18	19	22	15	21	22.2
Creatinine	0.5-1.6	mg/dL	0.4	0.4	0.6	0.5	0.6	0.6
BUN/Creatinine Ratio	4-27	RATIO	41	42	37	31	37	37
Phosphorus	2.5-6.0	mg/dL	8.9	8.5	7.3	6.8	5.6	6.5
Glucose	70-138	mg/dL	96	108	93	100	99	97
Calcium	8.9-11.4	mg/dL	11.1	11.0	10.8	10.9	10.5	10.6
Magnesium	1.5-2.5	mEq/L	1.5	1.6	1.6	1.6	1.6	1.7
Sodium	139-154	mEq/L	146	149	147	148	147	147
Potassium	3.6-5.5	mEq/L	5.4	5.1	5.2	4.9	5.0	5.1
Na/K Ratio	27-38	RATIO	27	29	29	31	29	29
Chloride	102-120	mEq/L	110	110	110	111	111	111
Cholesterol	92-324	mg/dL	133	136	160	159	144	146
Triglycerides	29-291	mg/dL	80	57	74	42	60	68
Amylase	290-1125	U/L	583	580	724	630	736	660
PrecisionPSL	24-140	U/L	22.4	25.9	21.1	42.1	20.1	25.8
CPK	59-895	U/L	323	250	370	301	266	202

Complete blood count	Reference range	Units	4 month male beagle	4 month female beagle	6 month male beagle	6 month female beagle	8 month male beagle	8 month female beagle
WBC	4.0-15.5	thousand/ μ L	14.9	14.8	13.0	11.7	12.2	11.3
RBC	4.8-9.3	million/ μ L	5.6	6.0	6.6	6.9	7.0	6.8
Hemoglobin	12.1-20.3	g/dL	12.1	13.3	14.4	15.3	15.8	15.7
Hematocrit	36-60	%	41.6	42.9	47.3	50.8	49.7	51.7
MCV	58-79	fl	74	71	71	74	71	76
MCH	19-28	pg	21.5	22.0	21.8	22.2	22.7	23.0
MCHC	30-38		29.1	30.9	30.6	30.3	31.9	60.3
Platelet Count	170-400	thousand/ μ L	442	412	395	346	325	311
Platelet EST	Adequate	N/A	Adequate	Adequate	Adequate	Adequate	Adequate	Adequate
Differential								
Neutrophils	2060-10600	Actual	8435	8391	7473	6451	7105	6318
Bands	0-300	Actual	0	30.9	0	0	0	0
Lymphocytes	690-4500	Actual	5371	5140	4610	4343	4033	4132
Monocytes	0-840	Actual	900	1020	755	650	861	595
Eosinophils	0-1200	Actual	215	218	202	227	238	213
Basophils	0-150	Actual	0	0	0	0	0	0
Other tests								
T4	1.0-4.0	μ d/dL	2.1	2.4	2.1	2.3	2.5	2.3

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