

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Chocoy
Gender: Male
Sample ID: 2607230001

Owner Name: Adelfa Vikingstad
Age: 9 Years
Sample Type: Serum

Species: Canine
Patient or Visit No.:
Time Tested: 23/07/2026 09:50:09

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	85.8	↑ g/L	52-82				Whole Body
ALB	27.2	g/L	22-44				Liver, Kidney
GLOB	58.6	↑ g/L	20-52				Whole Body
ALB/GLOB	0.5						Calculated value
TBIL	2.43	umol/L	2-15				Whole Body, Liver
GGT	3.1	U/L	0-7				Liver
AST	22	U/L	8.9-55				Liver
ALT	44	U/L	10-140				Liver
AST/ALT	0.50						Calculated value
ALP	32	U/L	20-150				Liver
TBA	5.34	umol/L	0-20				Liver, Gallbladder
AMYL	1444	U/L	200-1800				Pancreas
CK	75	U/L	20-200				Myocardium, Skeletal muscle
CREA	238	↑ umol/L	27-149				Kidney
BUN	24.7	↑ mmol/L	2.5-11.5				Kidney
BUN/CREA	26						Calculated value
GLU	6.48	mmol/L	3.89-7.95				Whole Body
CHOL	5.41	mmol/L	2.84-8.26				Whole Body
TRIG	0.75	mmol/L	0.1-0.9				
tCO2	16	mmol/L	12-27				Whole Body
Ca	2.79	mmol/L	1.98-2.95				Whole Body
PHOS	1.89	mmol/L	0.81-2.2				Kidney
Ca×P	65	mg/dL					
Mg	0.89	mmol/L	0.6-1.09				

Clinical Significance

TP	Elevated levels: ① Dehydration; ② Increased albumin; ③ Increased immunoglobulin: myeloma, infectious diseases, etc.
GLOB	Elevated levels: ① Tumors: lymphoma, multiple myeloma, etc.; ② Infectious diseases: bacterial, fungal, parasitic, protozoal, viral; ③ Immune-mediated/inflammatory: hepatitis, nephritis, purulent diseases, allergies, IMHA, lupus erythematosus, polyarthritis, etc.
CREA	Elevated levels: ① Pre-renal conditions: insufficient renal perfusion, dehydration, extensive muscle damage; ② Renal diseases: severe renal diseases; ③ Post-renal: urethral obstruction; ④ Physiological increase: animals with rich muscle tissue.
BUN	Elevated levels: ① Pre-renal: dehydration, high-protein diet, gastrointestinal bleeding, shock, hypoalbuminemia; ② Renal: acute/chronic interstitial nephritis, acute renal tubular necrosis, chronic renal failure, chronic glomerulonephritis, amyloidosis, pyelonephritis, tumors; ③ Post-renal: urinary tract obstruction (stones, tumors, prostatic diseases, feline lower urinary tract disease), bladder rupture.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Marian Grace Wanagen

Date Reported: 23/07/2026

This report is solely for the received sample and serves as a diagnostic reference for veterinarians.



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