

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Chokoy
Gender: Male
Sample ID: 2608230001

Owner Name: Adelfa Vikingstad
Age: 9 Years
Sample Type: Whole Blood

Species: Canine
Patient or Visit No.:
Time Tested: 23/08/2026 11:24:41

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	76.3	g/L	52-82				Whole Body
ALB	23.8	g/L	22-44				Liver, Kidney
GLOB	52.5	↑ g/L	20-52				Whole Body
ALB/GLOB	0.5						Calculated value
TBIL	3.94	umol/L	2-15				Whole Body, Liver
GGT	1.6	U/L	0-7				Liver
AST	28	U/L	8.9-55				Liver
ALT	51	U/L	10-140				Liver
AST/ALT	0.55						Calculated value
ALP	31	U/L	20-150				Liver
TBA	30.5	↑ umol/L	0-20				Liver, Gallbladder
AMYL	1498	U/L	200-1800				Pancreas
CK	51	U/L	20-200				Myocardium, Skeletal muscle
CREA	218	↑ umol/L	27-149				Kidney
BUN	19.0	↑ mmol/L	2.5-11.5				Kidney
BUN/CREA	22						Calculated value
GLU	5.77	mmol/L	3.89-7.95				Whole Body
CHOL	4.26	mmol/L	2.84-8.26				Whole Body
TRIG	0.54	mmol/L	0.1-0.9				
tCO2	20	mmol/L	12-27				Whole Body
Ca	2.58	mmol/L	1.98-2.95				Whole Body
PHOS	1.61	mmol/L	0.81-2.2				Kidney
Ca×P	52	mg/dL					
Mg	0.84	mmol/L	0.6-1.09				

Clinical Significance

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.
TBA	Elevated levels: ① Significantly elevated in acute hepatitis; ② Chronic hepatitis, cirrhosis, liver cancer; ③ Congenital or acquired portosystemic shunts; ④ Cholestasis: biliary disease, acute and chronic biliary obstruction.
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. Ricardo Valdez

Date Reported: 23/08/2026

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



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