

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Didi
 Gender: Female
 Sample ID: 2604300001
 Test Panel: Comprehensive 24 Profile

Owner Name: Sherrain Dominguez
 Age: 10 Years
 Sample Type: Serum
 Tip:

Species: Canine
 Patient or Visit No.:
 Time Tested: 30/04/2026 10:25:16

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	70.1	g/L	52-82				Whole Body
ALB	25.8	g/L	22-44				Liver, Kidney
GLOB	44.3	g/L	20-52				Whole Body
ALB/GLOB	0.6						Calculated value
TBIL	2.60	umol/L	2-15				Whole Body, Liver
GGT	1.4	U/L	0-7				Liver
AST	13	U/L	8.9-55				Liver
ALT	125	U/L	10-140				Liver
AST/ALT	0.10						Calculated value
ALP	29	U/L	20-150				Liver
TBA	3.62	umol/L	0-20				Liver, Gallbladder
AMYL	1615	U/L	200-1800				Pancreas
CK	58	U/L	20-200				Myocardium, Skeletal muscle
CREA	639	↑ umol/L	27-149				Kidney
BUN	≥35.7	↑ mmol/L	2.5-11.5				Kidney
BUN/CREA	---						Calculated value
GLU	6.33	mmol/L	3.89-7.95				Whole Body
CHOL	6.63	mmol/L	2.84-8.26				Whole Body
TRIG	0.87	mmol/L	0.1-0.9				
tCO2	18	mmol/L	12-27				Whole Body
Ca	2.24	mmol/L	1.98-2.95				Whole Body
PHOS	5.10	↑ mmol/L	0.81-2.2				Kidney
Ca×P	142	mg/dL					
Mg	≥1.6	↑ mmol/L	0.6-1.09				

Clinical Significance

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.
PHOS	Elevated levels: ① Vitamin D toxicity; ② Renal disease; ③ Fracture healing period; ④ Acromegaly; ⑤ Growing puppies and kittens; ⑥ Excess vitamin D intake; ⑦ Hypoparathyroidism; ⑧ Lymphoma, developmental disorders; ⑨ Pseudo-elevation due to hemolysis.
Mg	Elevated levels: ① Hemolysis; ② Renal failure; ③ Hepatic disease; ④ Diabetic coma; ⑤ Hypothyroidism; ⑥ Obstructive uropathy; ⑦ Adrenocortical insufficiency.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Marian Grace Wanagen

Date Reported: 30/04/2026

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



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