

Pet Doctors Veterinary Supplies and Services

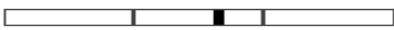
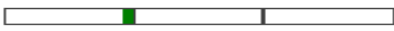
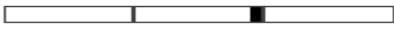



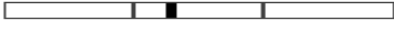

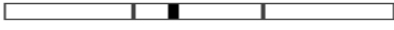

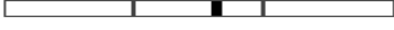




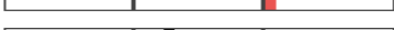
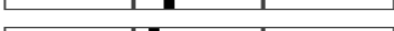
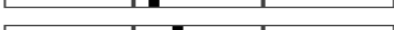
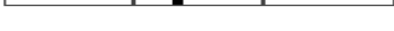

Chemistry Test Report

Pet Name: Martha
 Gender: Female
 Sample ID: 2606060001

Owner Name: John Marlu Ramos
 Age: 6 Years
 Sample Type: Serum

Species: Canine
 Patient or Visit No.:
 Time Tested: 06/06/2026 10:01:36

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	71.4	g/L	52-82				Whole Body
ALB	21.8 ↓	g/L	22-44				Liver, Kidney
GLOB	49.6	g/L	20-52				Whole Body
ALB/GLOB	0.4						Calculated value
TBIL	8.71	umol/L	2-15				Whole Body, Liver
GGT	2.5	U/L	0-7				Liver
AST	29	U/L	8.9-55				Liver
ALT	46	U/L	10-140				Liver
AST/ALT	0.63						Calculated value
ALP	135	U/L	20-150				Liver
TBA	5.99	umol/L	0-20				Liver, Gallbladder
AMYL	852	U/L	200-1800				Pancreas
CK	134	U/L	20-200				Myocardium, Skeletal muscle
CREA	42	umol/L	27-149				Kidney
BUN	1.06 ↓	mmol/L	2.5-11.5				Kidney
BUN/CREA	6						Calculated value
GLU	5.91	mmol/L	3.89-7.95				Whole Body
CHOL	4.67	mmol/L	2.84-8.26				Whole Body
TRIG	1.02 ↑	mmol/L	0.1-0.9				
tCO2	16	mmol/L	12-27				Whole Body
Ca	2.13	mmol/L	1.98-2.95				Whole Body
PHOS	1.27	mmol/L	0.81-2.2				Kidney
Ca×P	34	mg/dL					
Mg	0.60	mmol/L	0.6-1.09				

Clinical Significance

ALB	Decreased levels: ① Malnutrition; ② Chronic wasting diseases; ③ Acute decrease seen in massive hemorrhage; ④ Blood dilution due to large volume infusion; ⑤ Chronic infections, tumors, trauma; ⑥ Hepatic dysfunction, decreased synthesis, ascites formation; ⑦ Renal diseases: glomerulonephritis, protein-losing nephropathy; ⑧ Severe malnutrition due to long-term starvation, diarrhea, malabsorption/digestion.
BUN	Decreased levels: ① Hepatic cirrhosis; ② Diabetes insipidus; ③ Portosystemic shunt; ④ Hepatic failure; ⑤ Low-protein diet and malnutrition.
TRIG	Elevated levels: ① Hypothyroidism; ② Diabetes mellitus; ③ Pancreatitis; ④ Cholestasis; ⑤ Fasting (obesity); ⑥ Spontaneous hyperlipidemia; ⑦ Hyperadrenocorticism; ⑧ Spontaneous hyperchylomicronemia; ⑨ Physiological increase after a fatty meal.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Marian Grace Wanagen

Date Reported: 06/06/2026

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



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