

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Somewhere
 Gender: Female
 Sample ID: 2605220001

Owner Name: Alicia Co
 Age: 10 Years
 Sample Type: Serum

Species: Canine
 Patient or Visit No.:
 Time Tested: 22/05/2026 09:56:33

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	76.4	g/L	52-82				Whole Body
ALB	30.7	g/L	22-44				Liver, Kidney
GLOB	45.7	g/L	20-52				Whole Body
ALB/GLOB	0.7						Calculated value
TBIL	7.03	umol/L	2-15				Whole Body, Liver
GGT	2.9	U/L	0-7				Liver
AST	55	U/L	8.9-55				Liver
ALT	59	U/L	10-140				Liver
AST/ALT	0.93						Calculated value
ALP	44	U/L	20-150				Liver
TBA	5.22	umol/L	0-20				Liver, Gallbladder
AMYL	1162	U/L	200-1800				Pancreas
CK	308	↑ U/L	20-200				Myocardium, Skeletal muscle
CREA	75	umol/L	27-149				Kidney
BUN	6.07	mmol/L	2.5-11.5				Kidney
BUN/CREA	20						Calculated value
GLU	5.66	mmol/L	3.89-7.95				Whole Body
CHOL	5.46	mmol/L	2.84-8.26				Whole Body
TRIG	1.14	↑ mmol/L	0.1-0.9				
tCO2	17	mmol/L	12-27				Whole Body
Ca	2.65	mmol/L	1.98-2.95				Whole Body
PHOS	1.25	mmol/L	0.81-2.2				Kidney
Ca×P	41	mg/dL					
Mg	0.78	mmol/L	0.6-1.09				

Clinical Significance

- AST** **Elevated levels:** ① Hepatic system diseases; ② Hemolysis, lipemia causing false elevation; ③ Equine paralytic myoglobinuria; ④ Cardiac injury: myocarditis, myocardial infarction; ⑤ Skeletal muscle diseases: canine degenerative myopathy, muscle injury; ⑥ Drug/toxin effects: barbiturates, corticosteroids, nonsteroidal anti-inflammatory drugs, ketoconazole, etc.
- CK** **Elevated levels:** ① Myocardial necrosis; ② Strenuous exercise; ③ Prolonged recumbency; ④ Skeletal muscle injury; ⑤ Neurological disease; ⑥ Hypothyroidism; ⑦ Hemolysis or intramuscular injection during blood draw.
- 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: 22/05/2026

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



Hospital Tel.: +639171533903

Hospital Add.: McArthur Highway, San Miguel, Calasiao, Pangasinan

