

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Shoga
Gender: Male
Sample ID: 2607080001

Owner Name: Abegail Caoile
Age: 1 Years
Sample Type: Serum

Species: Feline
Patient or Visit No.:
Time Tested: 08/07/2026 18:15:49

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	74.1	g/L	54-89				Whole Body
ALB	30.3	g/L	22-45				Liver, Kidney
GLOB	43.8	g/L	15-57				Whole Body
ALB/GLOB	0.7						Calculated value
TBIL	3.39	umol/L	2-15				Whole Body, Liver
GGT	1.4	U/L	0-2				Liver
AST	124	↑ U/L	9.2-60				Liver
ALT	49	U/L	8.2-123				Liver
AST/ALT	2.53						Calculated value
ALP	16	U/L	10-90				Liver
TBA	3.85	umol/L	0-15				Liver, Gallbladder
AMYL	1030	U/L	200-1800				Pancreas
CK	≥3000	↑ U/L	50-450				Myocardium, Skeletal muscle
CREA	151	umol/L	27-223				Kidney
BUN	8.99	mmol/L	3.6-15.5				Kidney
BUN/CREA	15						Calculated value
GLU	8.44	mmol/L	4.11-8.84				Whole Body
CHOL	4.37	mmol/L	1.68-5.81				Whole Body
TRIG	0.94	↑ mmol/L	0.1-0.9				
tCO2	18	mmol/L	15-24				Whole Body
Ca	2.06	mmol/L	1.95-2.95				Whole Body
PHOS	1.94	mmol/L	1-2.74				Kidney
Ca×P	50	mg/dL					
Mg	1.30	↑ mmol/L	0.7-1.21				

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.
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: 21/07/2026

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

