

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Yuri
Gender: Male
Sample ID: 2607110001

Owner Name: Arianee Carpizo
Age: 9 Years
Sample Type: Serum

Species: Canine
Patient or Visit No.:
Time Tested: 11/07/2026 10:35:30

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	70.3	g/L	52-82				Whole Body
ALB	31.0	g/L	22-44				Liver, Kidney
GLOB	39.3	g/L	20-52				Whole Body
ALB/GLOB	0.8						Calculated value
TBIL	5.03	umol/L	2-15				Whole Body, Liver
GGT	1.2	U/L	0-7				Liver
AST	28	U/L	8.9-55				Liver
ALT	165	↑ U/L	10-140				Liver
AST/ALT	0.17						Calculated value
ALP	28	U/L	20-150				Liver
TBA	2.96	umol/L	0-20				Liver, Gallbladder
AMYL	798	U/L	200-1800				Pancreas
CK	110	U/L	20-200				Myocardium, Skeletal muscle
CREA	54	umol/L	27-149				Kidney
BUN	3.33	mmol/L	2.5-11.5				Kidney
BUN/CREA	15						Calculated value
GLU	5.30	mmol/L	3.89-7.95				Whole Body
CHOL	3.48	mmol/L	2.84-8.26				Whole Body
TRIG	0.55	mmol/L	0.1-0.9				
tCO2	20	mmol/L	12-27				Whole Body
Ca	2.06	mmol/L	1.98-2.95				Whole Body
PHOS	1.10	mmol/L	0.81-2.2				Kidney
Ca×P	28	mg/dL					
Mg	0.51	↓ mmol/L	0.6-1.09				

Clinical Significance

ALT	Elevated levels: ① Drug effects; ② Hemolysis, lipemia causing false elevation; ③ Metabolic disorders and secondary liver diseases; ④ Hyperthyroidism, cardiac insufficiency, severe anemia, shock; ⑤ Primary hepatocyte and hepatobiliary diseases: infectious hepatitis, feline infectious peritonitis, leptospirosis, hepatotoxin diseases.
Mg	Decreased levels: ① Intestinal absorption disorders; ② Hyperparathyroidism; ③ Fluid disorders, acute pancreatitis; ④ Prolonged fasting, chronic diarrhea with malabsorption; ⑤ Diabetic ketoacidosis, hyperaldosteronism; ⑥ Renal tubular injury/necrosis, post-obstructive diuresis, long-term diuretic therapy.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Marian Grace Wanagen

Date Reported: 11/07/2026

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

