

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: DAQUIRI
Gender: Female
Sample ID: 2608230003

Owner Name: Carmela Rosario
Age: 9 Years
Sample Type: Serum

Species: Canine
Patient or Visit No.:
Time Tested: 23/08/2026 23:39:27

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	74.0	g/L	52-82				Whole Body
ALB	26.5	g/L	22-44				Liver, Kidney
GLOB	47.5	g/L	20-52				Whole Body
ALB/GLOB	0.6						Calculated value
TBIL	6.47	umol/L	2-15				Whole Body, Liver
GGT	2.4	U/L	0-7				Liver
AST	65	↑ U/L	8.9-55				Liver
ALT	75	U/L	10-140				Liver
AST/ALT	0.87						Calculated value
ALP	135	U/L	20-150				Liver
TBA	3.69	umol/L	0-20				Liver, Gallbladder
AMYL	738	U/L	200-1800				Pancreas
CK	505	↑ U/L	20-200				Myocardium, Skeletal muscle
CREA	61	umol/L	27-149				Kidney
BUN	4.47	mmol/L	2.5-11.5				Kidney
BUN/CREA	18						Calculated value
GLU	6.89	mmol/L	3.89-7.95				Whole Body
CHOL	7.54	mmol/L	2.84-8.26				Whole Body
TRIG	1.00	↑ mmol/L	0.1-0.9				
tCO2	14	mmol/L	12-27				Whole Body
Ca	2.03	mmol/L	1.98-2.95				Whole Body
PHOS	1.89	mmol/L	0.81-2.2				Kidney
Ca×P	48	mg/dL					
Mg	0.55	↓ 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.
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. Cassandra R. Oyan

Date Reported: 24/08/2026

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



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