

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Madie
Gender: Female
Sample ID: 2609100001

Owner Name: Jeullano Duque
Age: 3 Years
Sample Type: Serum

Species: Canine
Patient or Visit No.:
Time Tested: 10/09/2026 16:15:29

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	66.9	g/L	52-82				Whole Body
ALB	34.9	g/L	22-44				Liver, Kidney
GLOB	32.0	g/L	20-52				Whole Body
ALB/GLOB	1.1						Calculated value
TBIL	4.31	umol/L	2-15				Whole Body, Liver
GGT	3.5	U/L	0-7				Liver
AST	290	↑ U/L	8.9-55				Liver
ALT	98	U/L	10-140				Liver
AST/ALT	2.96						Calculated value
ALP	89	U/L	20-150				Liver
TBA	5.73	umol/L	0-20				Liver, Gallbladder
AMYL	335	U/L	200-1800				Pancreas
CK	2962	↑ U/L	20-200				Myocardium, Skeletal muscle
CREA	74	umol/L	27-149				Kidney
BUN	6.35	mmol/L	2.5-11.5				Kidney
BUN/CREA	21						Calculated value
GLU	5.56	mmol/L	3.89-7.95				Whole Body
CHOL	5.54	mmol/L	2.84-8.26				Whole Body
TRIG	0.66	mmol/L	0.1-0.9				
tCO2	19	mmol/L	12-27				Whole Body
Ca	2.53	mmol/L	1.98-2.95				Whole Body
PHOS	2.12	mmol/L	0.81-2.2				Kidney
Ca×P	67	mg/dL					
Mg	0.82	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.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Marian Grace Wanagen

Date Reported: 10/09/2026

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



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