

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Whiskey
Gender: Female
Sample ID: 2606300002

Owner Name: Justin Raguidin
Age: 3 Years
Sample Type: Serum

Species: Canine
Patient or Visit No.:
Time Tested: 30/06/2026 22:15:40

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	67.4	g/L	52-82				Whole Body
ALB	32.9	g/L	22-44				Liver, Kidney
GLOB	34.5	g/L	20-52				Whole Body
ALB/GLOB	1.0						Calculated value
TBIL	12.65	umol/L	2-15				Whole Body, Liver
GGT	1.9	U/L	0-7				Liver
AST	159	↑ U/L	8.9-55				Liver
ALT	67	U/L	10-140				Liver
AST/ALT	2.37						Calculated value
ALP	155	↑ U/L	20-150				Liver
TBA	10.3	umol/L	0-20				Liver, Gallbladder
AMYL	664	U/L	200-1800				Pancreas
CK	1806	↑ U/L	20-200				Myocardium, Skeletal muscle
CREA	88	umol/L	27-149				Kidney
BUN	8.56	mmol/L	2.5-11.5				Kidney
BUN/CREA	24						Calculated value
GLU	7.62	mmol/L	3.89-7.95				Whole Body
CHOL	7.66	mmol/L	2.84-8.26				Whole Body
TRIG	1.27	↑ mmol/L	0.1-0.9				
tCO2	19	mmol/L	12-27				Whole Body
Ca	2.18	mmol/L	1.98-2.95				Whole Body
PHOS	1.40	mmol/L	0.81-2.2				Kidney
Ca×P	38	mg/dL					
Mg	0.74	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.
ALP	Elevated levels: ① Primary or metastatic tumors; ② Acute toxic liver injury; ③ Normal in young growing animals; ④ Bone marrow diseases causing increased osteoblast activity; ⑤ Hemolysis, lipemia, hyperbilirubinemia causing false elevation; ⑥ Drug/toxin effects: corticosteroids, barbiturates, aflatoxins, etc.; ⑦ Hepatobiliary diseases: cholangitis, chronic hepatitis, cirrhosis, hepatic lipidosis, etc.; ⑧ Endocrine diseases: hyperthyroidism, hyperadrenocorticism, diabetes.
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. John Paul Landingin

Date Reported: 01/07/2026

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



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