

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Chico

Gender: Male

Sample ID: 2607120002

Owner Name: Mary Ann Siapno

Age: 14 Years

Sample Type: Whole Blood

Species: Canine

Patient or Visit No.:

Time Tested: 12/07/2026 09:26:49

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	81.6	g/L	52-82				Whole Body
ALB	26.4	g/L	22-44				Liver, Kidney
GLOB	55.2	↑ g/L	20-52				Whole Body
ALB/GLOB	0.5						Calculated value
TBIL	6.01	umol/L	2-15				Whole Body, Liver
GGT	3.9	U/L	0-7				Liver
AST	52	U/L	8.9-55				Liver
ALT	64	U/L	10-140				Liver
AST/ALT	0.81						Calculated value
ALP	38	U/L	20-150				Liver
TBA	6.40	umol/L	0-20				Liver, Gallbladder
AMYL	1354	U/L	200-1800				Pancreas
CK	171	U/L	20-200				Myocardium, Skeletal muscle
CREA	157	↑ umol/L	27-149				Kidney
BUN	9.42	mmol/L	2.5-11.5				Kidney
BUN/CREA	15						Calculated value
GLU	6.07	mmol/L	3.89-7.95				Whole Body
CHOL	5.77	mmol/L	2.84-8.26				Whole Body
TRIG	1.44	↑ mmol/L	0.1-0.9				
tCO2	17	mmol/L	12-27				Whole Body
Ca	2.36	mmol/L	1.98-2.95				Whole Body
PHOS	1.74	mmol/L	0.81-2.2				Kidney
Ca×P	51	mg/dL					
Mg	0.79	mmol/L	0.6-1.09				

Clinical Significance

GLOB	Elevated levels: ① Tumors: lymphoma, multiple myeloma, etc.; ② Infectious diseases: bacterial, fungal, parasitic, protozoal, viral; ③ Immune-mediated/inflammatory: hepatitis, nephritis, purulent diseases, allergies, IMHA, lupus erythematosus, polyarthritis, etc.
CREA	Elevated levels: ① Pre-renal conditions: insufficient renal perfusion, dehydration, extensive muscle damage; ② Renal diseases: severe renal diseases; ③ Post-renal: urethral obstruction; ④ Physiological increase: animals with rich muscle tissue.
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. Cassandra R. Oyan

Date Reported: 13/07/2026

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



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