

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Merlin
Gender: Male
Sample ID: 2607250003

Owner Name: Stef Dela Cruz
Age: 17 Years
Sample Type: Serum

Species: Feline
Patient or Visit No.:
Time Tested: 25/07/2026 18:41:01

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	82.6	g/L	54-89				Whole Body
ALB	37.0	g/L	22-45				Liver, Kidney
GLOB	45.6	g/L	15-57				Whole Body
ALB/GLOB	0.8						Calculated value
TBIL	5.29	umol/L	2-15				Whole Body, Liver
GGT	0.4	U/L	0-2				Liver
AST	39	U/L	9.2-60				Liver
ALT	75	U/L	8.2-123				Liver
AST/ALT	0.52						Calculated value
ALP	30	U/L	10-90				Liver
TBA	8.39	umol/L	0-15				Liver, Gallbladder
AMYL	2172	↑ U/L	200-1800				Pancreas
CK	229	U/L	50-450				Myocardium, Skeletal muscle
CREA	175	umol/L	27-223				Kidney
BUN	10.2	mmol/L	3.6-15.5				Kidney
BUN/CREA	14						Calculated value
GLU	12.27	↑ mmol/L	4.11-8.84				Whole Body
CHOL	4.95	mmol/L	1.68-5.81				Whole Body
TRIG	0.81	mmol/L	0.1-0.9				
tCO2	14	↓ mmol/L	15-24				Whole Body
Ca	2.78	mmol/L	1.95-2.95				Whole Body
PHOS	1.58	mmol/L	1-2.74				Kidney
Ca×P	54	mg/dL					
Mg	0.94	mmol/L	0.7-1.21				

Clinical Significance

AMYL	Elevated levels: ① Drug effects: corticosteroids; ② Gastrointestinal diseases: intestinal obstruction, inflammation; ③ Pancreatic diseases: pancreatitis, pancreatic necrosis, tumors, pancreatic duct obstruction; ④ Renal diseases: decreased clearance of amylase by the kidneys in animals with renal disease, leading to elevated serum amylase.
GLU	Elevated levels: ① Drugs: corticosteroids, progesterone; ② Physiological: postprandial, stress, excitement; ③ Diseases: diabetes mellitus, hyperadrenocorticism, acromegaly, hyperthyroidism, pancreatitis, pheochromocytoma.
tCO2	Decreased levels: ① Metabolic acidosis; ② Respiratory alkalosis.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Marian Grace Wanagen

Date Reported: 26/07/2026

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



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