

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: NORI
 Gender: Male
 Sample ID: 2605130001

Owner Name: Dimples Andro Milla
 Age: 5 Years
 Sample Type: Whole Blood

Species: Canine
 Patient or Visit No.:
 Time Tested: 13/05/2026 08:02:36

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	66.1	g/L	52-82				Whole Body
ALB	36.4	g/L	22-44				Liver, Kidney
GLOB	29.7	g/L	20-52				Whole Body
ALB/GLOB	1.2						Calculated value
TBIL	4.76	umol/L	2-15				Whole Body, Liver
GGT	5.3	U/L	0-7				Liver
AST	53	U/L	8.9-55				Liver
ALT	90	U/L	10-140				Liver
AST/ALT	0.59						Calculated value
ALP	20	U/L	20-150				Liver
TBA	2.56	umol/L	0-20				Liver, Gallbladder
AMYL	906	U/L	200-1800				Pancreas
CK	243	↑ U/L	20-200				Myocardium, Skeletal muscle
CREA	101	umol/L	27-149				Kidney
BUN	6.50	mmol/L	2.5-11.5				Kidney
BUN/CREA	16						Calculated value
GLU	7.95	mmol/L	3.89-7.95				Whole Body
CHOL	6.65	mmol/L	2.84-8.26				Whole Body
TRIG	0.62	mmol/L	0.1-0.9				
tCO2	21	mmol/L	12-27				Whole Body
Ca	1.67	↓ mmol/L	1.98-2.95				Whole Body
PHOS	1.40	mmol/L	0.81-2.2				Kidney
Ca×P	29	mg/dL					
Mg	0.49	↓ mmol/L	0.6-1.09				

Clinical Significance

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.
GLU	Elevated levels: ① Drugs: corticosteroids, progesterone; ② Physiological: postprandial, stress, excitement; ③ Diseases: diabetes mellitus, hyperadrenocorticism, acromegaly, hyperthyroidism, pancreatitis, pheochromocytoma.
Ca	Decreased levels: ① Pancreatitis; ② Postpartum hypocalcemia; ③ Malabsorption in the small intestine; ④ Acute/chronic renal failure; ⑤ Hypothyroidism, thyroid cancer (increased calcitonin).
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. Marian Grace Wanagen

Date Reported: 13/05/2026

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



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