

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Ochogi
Gender: Female
Sample ID: 2606150001

Owner Name: Russel Delos Santos
Age: 2 Years
Sample Type: Plasma

Species: Canine
Patient or Visit No.:
Time Tested: 15/06/2026 23:53:18

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	67.5	g/L	52-82				Whole Body
ALB	31.0	g/L	22-44				Liver, Kidney
GLOB	36.5	g/L	20-52				Whole Body
ALB/GLOB	0.8						Calculated value
TBIL	5.63	umol/L	2-15				Whole Body, Liver
GGT	0.5	U/L	0-7				Liver
AST	13	U/L	8.9-55				Liver
ALT	20	U/L	10-140				Liver
AST/ALT	0.65						Calculated value
ALP	83	U/L	20-150				Liver
TBA	2.57	umol/L	0-20				Liver, Gallbladder
AMYL	529	U/L	200-1800				Pancreas
CK	82	U/L	20-200				Myocardium, Skeletal muscle
CREA	45	umol/L	27-149				Kidney
BUN	3.54	mmol/L	2.5-11.5				Kidney
BUN/CREA	19						Calculated value
GLU	7.90	mmol/L	3.89-7.95				Whole Body
CHOL	4.24	mmol/L	2.84-8.26				Whole Body
TRIG	1.15	↑ mmol/L	0.1-0.9				
tCO2	18	mmol/L	12-27				Whole Body
Ca	1.55	↓ mmol/L	1.98-2.95				Whole Body
PHOS	0.76	↓ mmol/L	0.81-2.2				Kidney
Ca×P	15	mg/dL					
Mg	0.52	↓ mmol/L	0.6-1.09				

Clinical Significance

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.
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).
PHOS	Decreased levels: ① Diabetic ketoacidosis; ② Malignant tumor hypercalcemia; ③ Nutritional deficiency and malabsorption; ④ Primary hyperparathyroidism; ⑤ Insufficient vitamin D intake, alkalosis, insulinoma/hyperinsulinemia.
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. John Paul Landingin

Date Reported: 17/06/2026

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



Hospital Tel.: +639171533903

Hospital Add.: McArthur Highway, San Miguel, Calasiao, Pangasinan

