

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Koko

Gender: Male

Sample ID: 2606160002

Owner Name: Katherine Jimenez

Age: 5 Years

Sample Type: Serum

Species: Canine

Patient or Visit No.:

Time Tested: 16/06/2026 10:48:44

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	76.6	g/L	52-82				Whole Body
ALB	37.7	g/L	22-44				Liver, Kidney
GLOB	38.9	g/L	20-52				Whole Body
ALB/GLOB	1.0						Calculated value
TBIL	2.79	umol/L	2-15				Whole Body, Liver
GGT	10.2	↑ U/L	0-7				Liver
AST	27	U/L	8.9-55				Liver
ALT	47	U/L	10-140				Liver
AST/ALT	0.57						Calculated value
ALP	48	U/L	20-150				Liver
TBA	5.32	umol/L	0-20				Liver, Gallbladder
AMYL	628	U/L	200-1800				Pancreas
CK	140	U/L	20-200				Myocardium, Skeletal muscle
CREA	75	umol/L	27-149				Kidney
BUN	13.1	↑ mmol/L	2.5-11.5				Kidney
BUN/CREA	43						Calculated value
GLU	6.11	mmol/L	3.89-7.95				Whole Body
CHOL	3.86	mmol/L	2.84-8.26				Whole Body
TRIG	0.70	mmol/L	0.1-0.9				
tCO2	21	mmol/L	12-27				Whole Body
Ca	2.42	mmol/L	1.98-2.95				Whole Body
PHOS	1.20	mmol/L	0.81-2.2				Kidney
Ca×P	36	mg/dL					
Mg	0.74	mmol/L	0.6-1.09				

Clinical Significance

GGT	Elevated levels: ① Jaundice; ② Lipemia causing false elevation; ③ Drug effects: barbiturates, corticosteroids, nonsteroidal anti-inflammatory drugs, etc.; ④ Hepatic diseases: liver tumors, chronic hepatitis, cirrhosis, hepatic lipidosis; ⑤ Extrahepatic diseases: cholecystitis, gallstones, gallbladder mucinous cyst, hyperthyroidism, pancreatitis, hypoadrenocorticism, etc.
BUN	Elevated levels: ① Pre-renal: dehydration, high-protein diet, gastrointestinal bleeding, shock, hypoalbuminemia; ② Renal: acute/chronic interstitial nephritis, acute renal tubular necrosis, chronic renal failure, chronic glomerulonephritis, amyloidosis, pyelonephritis, tumors; ③ Post-renal: urinary tract obstruction (stones, tumors, prostatic diseases, feline lower urinary tract disease), bladder rupture.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Ricardo Valdez

Date Reported: 16/06/2026

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

