

Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Meeko
Gender: Female
Sample ID: 2608070002

Owner Name: Lubert Roxas
Age: 10 Years
Sample Type: Serum

Species: Canine
Patient or Visit No.:
Time Tested: 07/08/2026 14:06:17

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	72.6	g/L	52-82				Whole Body
ALB	37.2	g/L	22-44				Liver, Kidney
GLOB	35.4	g/L	20-52				Whole Body
ALB/GLOB	1.1						Calculated value
TBIL	55.43	↑ umol/L	2-15				Whole Body, Liver
GGT	4.9	U/L	0-7				Liver
AST	29	U/L	8.9-55				Liver
ALT	53	U/L	10-140				Liver
AST/ALT	0.55						Calculated value
ALP	25	U/L	20-150				Liver
TBA	4.53	umol/L	0-20				Liver, Gallbladder
AMYL	558	U/L	200-1800				Pancreas
CK	90	U/L	20-200				Myocardium, Skeletal muscle
CREA	47	umol/L	27-149				Kidney
BUN	5.22	mmol/L	2.5-11.5				Kidney
BUN/CREA	28						Calculated value
GLU	4.49	mmol/L	3.89-7.95				Whole Body
CHOL	3.69	mmol/L	2.84-8.26				Whole Body
TRIG	3.25	↑ mmol/L	0.1-0.9				
tCO2	23	mmol/L	12-27				Whole Body
Ca	2.56	mmol/L	1.98-2.95				Whole Body
PHOS	1.30	mmol/L	0.81-2.2				Kidney
Ca×P	41	mg/dL					
Mg	0.91	mmol/L	0.6-1.09				

Clinical Significance

TBIL **Elevated levels:**① Pre-hepatic diseases or hemolysis: canine ehrlichiosis, canine and feline babesiosis, onion poisoning, and other hemolytic diseases; ② Hepatic diseases: cholestatic hepatitis, infectious canine hepatitis, leptospirosis, bacterial hepatitis, cirrhosis, etc.; ③ Post-hepatic diseases: biliary obstructive diseases, gallstones, etc.; ④ Acute and chronic hepatitis, biliary tract obstruction, acute necrotic hepatitis, metastatic liver cancer, hemolytic jaundice, post-transfusion hemolysis, malignant anemia.

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. Marian Grace Wanagen

Date Reported: 07/08/2026

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



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