

Biochemistry test report



Patient:	Choi	Species:	Canine	Patient ID:	260123001
Client:	Kathleen Castillo	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	12Y	Time of analysis:	2026/01/23 11:09

	Item	Current result		Ref. Ranges
Protein	TP	↑ 10.57	g/dL	5.31-7.92
Protein	ALB	↓ 2.00	g/dL	2.34-4.00
Protein	GLOB	↑ 8.57	g/dL	2.54-5.20
Protein	A/G	0.2		
Liver and gallbladder	ALT	45.0	U/L	10.1-100.3
Liver and gallbladder	AST	32.7	U/L	0.0-51.7
Liver and gallbladder	AST/ALT	0.73		
Liver and gallbladder	ALP	66.8	U/L	15.5-212.0
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88
Liver and gallbladder	TBA	14.1	μmol/L	0.0-30.0
Pancreas	AMY	898.8	U/L	397.7-1285.1
Kidneys	BUN	↑ 33.75	mg/dL	7.02-27.45
Kidneys	CREA	0.54	mg/dL	0.23-1.40
Kidneys	BUN/CREA	62.4		
Cardiovasc./Muscle	CK	236.4	U/L	66.4-257.5
Cardiovasc./Muscle	LDH	↑ 171.7	U/L	0.0-143.6
Energy metabolism	GLU	↓ 67.7	mg/dL	68.5-135.2
Energy metabolism	TC	120.0	mg/dL	103.2-324.1
Energy metabolism	TG	42.9	mg/dL	8.9-115.1
Minerals	Ca	8.62	mg/dL	8.40-11.88
Minerals	PHOS	3.36	mg/dL	2.48-6.81
Minerals	CaxP	2.34	mmol/L ²	
Minerals	Mg	↓ 1.26	mg/dL	1.29-2.58
Electrolytes	Na+	143.8	mmol/L	138.0-160.0
Electrolytes	K+	4.6	mmol/L	3.5-5.9
Electrolytes	Na/K	31.2		
Electrolytes	Cl-	↑ 126.2	mmol/L	102.7-125.0

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0

LIP(Lipemia degree): 1+

1+

ICT(Jaundice degree): 0

0



Report Explain.

TP



Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026/01/23 13:40:06



PET DOCTORS VETERINARY CLINIC
AND GROOMING CENTER
Calasiao Pangasinan

Global Pioneer of Comprehensive Animal Medical Solutions

Better healthcare for all - Since 1991

mindray
animal medical

Biochemistry test report



Patient:	Choi	Species:	Canine	Patient ID:	260123001
Client:	Kathleen Castillo	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	12Y	Time of analysis:	2026/01/23 11:09



Report Explan.

ALB ↓

Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.

GLOB ↑

Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

BUN ↑

Increase is commonly associated with high protein diet, gastrointestinal bleeding, nephropathy, and urinary obstruction, etc. Reduction is commonly associated with insufficient protein intake and liver failure, etc.

LDH ↑

Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.

GLU ↓

Increase is commonly associated with diabetes and hypercorticalismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.

Mg ↓

Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, etc.

Cl- ↑

Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, diuretic therapy, etc.

Note: Due to the complexity and individuality of disease diagnosis, the report interpretation is only for your reference. Please consult your doctors for clinical diagnosis results.
The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5 Time of Printing: 2026-01-23 13:40:06



PET DOCTORS VETERINARY CLINIC
AND GROOMING CENTER
Calasiao Pangasinan

Global Pioneer of Comprehensive Animal Medical Solutions

Better healthcare for all - Since 1991

mindray
animal medical