

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+	ICT(Jaundice degree):	0
------------------------	---	----------------------	----	-----------------------	---



Report Explen.

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 hypercorticism, 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