

Biochemistry test report



Patient:	Cho Chang	Species:	Canine	Patient ID:	250614143
Client:	Melgie Dela Cruz	Gender:	Female	Sample No.:	0000004
Doctor:		Age:	9Y	Time of analysis:	2025/06/14 15:43

Item		Current result		Ref. Ranges	
Protein	TP	↑	8.17	g/dL	5.31-7.92
Protein	ALB		2.40	g/dL	2.34-4.00
Protein	GLOB	↑	5.77	g/dL	2.54-5.20
Protein	A/G		0.4		
Liver and gallbladder	ALT		43.3	U/L	10.1-100.3
Liver and gallbladder	AST		19.9	U/L	0.0-51.7
Liver and gallbladder	AST/ALT		0.46		
Liver and gallbladder	ALP		41.2	U/L	15.5-212.0
Liver and gallbladder	GGT		14.9	U/L	0.0-15.9
Liver and gallbladder	TBIL		<0.10	mg/dL	0.00-0.88
Liver and gallbladder	TBA		12.0	μmol/L	0.0-30.0
Pancreas	AMY		626.7	U/L	397.7-1285.1
Kidneys	BUN		21.92	mg/dL	7.02-27.45
Kidneys	CREA		0.30	mg/dL	0.23-1.40
Kidneys	BUN/CREA		73.2		
Cardiovasc./Muscle	CK		104.6	U/L	66.4-257.5
Cardiovasc./Muscle	LDH		57.3	U/L	0.0-143.6
Energy metabolism	GLU		76.4	mg/dL	68.5-135.2
Energy metabolism	TC		197.5	mg/dL	103.2-324.1
Energy metabolism	TG		51.7	mg/dL	8.9-115.1
Minerals	Ca		9.31	mg/dL	8.40-11.88
Minerals	PHOS	↓	2.41	mg/dL	2.48-6.81
Minerals	CaxP		1.81	mmol/L^2	
Minerals	Mg		1.64	mg/dL	1.48-2.58
Electrolytes	Na+		147.5	mmol/L	138.0-160.0
Electrolytes	K+		3.8	mmol/L	3.5-5.9
Electrolytes	Na/K		38.8		
Electrolytes	Cl-		118.9	mmol/L	102.7-125.0

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 0 ICT(Jaundice degree): 0

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5 Time of Printing:2025-06-14 16:54:45



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Report Explan.

TP



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

GLOB



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

PHOS



Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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.
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