

Biochemistry test report



Patient:	China	Species:	Canine	Patient ID:	2509291
Client:	Teresa Calimlim	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	7Y	Time of analysis:	2025/09/29 09:57

Item		Current result		Ref. Ranges	
Protein	TP	↑ H- 9.96	g/dL	5.31-7.92	
Protein	ALB	2.34	g/dL	2.34-4.00	
Protein	GLOB	↑ 7.62	g/dL	2.54-5.20	
Protein	A/G	0.3			
Liver and gallbladder	ALT	↓ <5.0	U/L	10.1-100.3	
Liver and gallbladder	AST	↑ H+ 54.1	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	****			
Liver and gallbladder	ALP	↑ 218.1	U/L	15.5-212.0	
Liver and gallbladder	GGT	10.9	U/L	0.0-15.9	
Liver and gallbladder	TBIL	H- <0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	2.1	μmol/L	0.0-30.0	
Pancreas	AMY	1014.8	U/L	397.7-1285.1	
Kidneys	BUN	↑ 41.99	mg/dL	7.02-27.45	
Kidneys	CREA	1.40	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	29.9			
Cardiovasc./Muscle	CK	102.3	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↑ H+ 233.5	U/L	0.0-143.6	
Energy metabolism	GLU	73.5	mg/dL	68.5-135.2	
Energy metabolism	TC	↑ H+ 436.2	mg/dL	103.2-324.1	
Energy metabolism	TG	↑ 151.6	mg/dL	8.9-115.1	
Minerals	Ca	10.38	mg/dL	8.40-11.88	
Minerals	PHOS	6.66	mg/dL	2.48-6.81	
Minerals	CaxP	5.58	mmol/L^2		
Minerals	Mg	1.39	mg/dL	1.29-2.58	
Electrolytes	Na+	138.7	mmol/L	138.0-160.0	
Electrolytes	K+	H+ 4.2	mmol/L	3.5-5.9	
Electrolytes	Na/K	32.7			
Electrolytes	Cl-	112.8	mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree):	2+	LIP(Lipemia degree):	0	ICT(Jaundice degree):	0
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The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-09-29 09:58:21



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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.
ALT	↓	Increase is commonly associated with liver injury and muscle injury, etc.
AST	↑	Increase is commonly associated with liver injury and muscle injury, etc.
ALP	↑	Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.
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.
TC	↑	Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticism, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism, etc.
TG	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, 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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