

Biochemistry test report



Patient:	Hanabi	Species:	Canine	Patient ID:	260620001
Client:	Heidee Bautista	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	4Y	Time of analysis:	2026/06/20 11:04

Item		Current result		Ref. Ranges	
Protein	TP	7.99	g/dL	5.20-8.20	
Protein	ALB	↓ 2.02	g/dL	2.10-4.00	
Protein	GLOB	↑ 5.97	g/dL	2.54-5.20	
Protein	A/G	0.3			
Liver and gallbladder	ALT	13.4	U/L	10.1-100.3	
Liver and gallbladder	AST	44.2	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	3.29			
Liver and gallbladder	ALP	109.8	U/L	15.5-212.0	
Liver and gallbladder	GGT	2.9	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	4.6	μmol/L	0.0-30.0	
Pancreas	AMY	997.3	U/L	397.7-1285.1	
Pancreas	LIPA-D	13.5	U/L	0.0-100.0	
Kidneys	BUN	↑ 28.45	mg/dL	7.02-27.45	
Kidneys	CREA	↑ 1.78	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	15.9			
Cardiovasc./Muscle	CK	↑ 265.5	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↑ 268.8	U/L	0.0-143.6	
Energy metabolism	GLU	106.1	mg/dL	68.5-135.2	
Energy metabolism	TC	235.2	mg/dL	103.2-324.1	
Energy metabolism	TG	↑ 148.5	mg/dL	8.9-115.1	
Minerals	Ca	9.10	mg/dL	8.40-11.88	
Minerals	PHOS	2.82	mg/dL	2.17-6.81	
Minerals	CaxP	2.07	(mmol/L) ²		
Minerals	Mg	2.07	mg/dL	1.29-2.58	
Electrolytes	Na+	138.3	mmol/L	138.0-160.0	
Electrolytes	K+	3.9	mmol/L	3.5-5.9	
Electrolytes	Na/K	35.9			
Electrolytes	Cl-	111.3	mmol/L	100.7-125.0	

LIPA-D: 0.0-100.0 U/L Negative 100.0-200.0 U/L Suspected >200.0 U/L Positive

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree):	0	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:2026-06-20 12:01:33



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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.

CREA



Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, etc.

CK



Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.

LDH



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