

Biochemistry test report



Patient:	Bubbles	Species:	Canine	Patient ID:	2510081
Client:	Debbie Anne Bato	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	10Y	Time of analysis:	2025/10/08 15:16

Item		Current result		Ref. Ranges	
Protein	TP	6.90	g/dL	5.31-7.92	
Protein	ALB	↓ 2.13	g/dL	2.34-4.00	
Protein	GLOB	4.77	g/dL	2.54-5.20	
Protein	A/G	0.4			
Liver and gallbladder	ALT	11.2	U/L	10.1-100.3	
Liver and gallbladder	AST	42.5	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	3.79			
Liver and gallbladder	ALP	172.3	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	↑ 34.0	μmol/L	0.0-30.0	
Pancreas	AMY	785.1	U/L	397.7-1285.1	
Kidneys	BUN	11.11	mg/dL	7.02-27.45	
Kidneys	CREA	0.78	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	14.1			
Cardiovasc./Muscle	CK	236.8	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↑ 457.0	U/L	0.0-143.6	
Energy metabolism	GLU	106.1	mg/dL	68.5-135.2	
Energy metabolism	TC	157.0	mg/dL	103.2-324.1	
Energy metabolism	TG	76.4	mg/dL	8.9-115.1	
Minerals	Ca	↓ 7.72	mg/dL	8.40-11.88	
Minerals	PHOS	↓ 1.81	mg/dL	2.48-6.81	
Minerals	CaxP	1.13	mmol/L^2		
Minerals	Mg	1.33	mg/dL	1.29-2.58	
Electrolytes	Na+	152.3	mmol/L	138.0-160.0	
Electrolytes	K+	4.8	mmol/L	3.5-5.9	
Electrolytes	Na/K	31.4			
Electrolytes	Cl-	115.1	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
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The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-10-08 15:16:53



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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.

TBA



Increase is commonly associated with hepatic insufficiency or failure, portal vein shunt, and cholestasis, etc. Reduction is commonly associated with long-term fasting and intestinal malabsorption, etc.

LDH



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

Ca



Increase is commonly associated with hypoadrenocorticism, lymphoma, and nephropathy, etc. Reduction is commonly associated with low calcium diet, hypoalbuminemia, nephropathy, and vitamin D deficiency, etc.

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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