

# Biochemistry test report



Patient:	Cali	Species:	Canine	Patient ID:	25070463
Client:	Charlotte Arenas	Gender:	Female	Sample No.:	0000002
Doctor:		Age:	3Y	Time of analysis:	2025/07/04 11:39

Item		Current result		Ref. Ranges	
Protein	TP	6.00	g/dL	5.31-7.92	
Protein	ALB	2.43	g/dL	2.34-4.00	
Protein	GLOB	3.57	g/dL	2.54-5.20	
Protein	A/G	0.7			
Liver and gallbladder	ALT	29.2	U/L	10.1-100.3	
Liver and gallbladder	AST	39.5	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	1.35			
Liver and gallbladder	ALP	23.3	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	3.3	μmol/L	0.0-30.0	
Pancreas	AMY	540.2	U/L	397.7-1285.1	
Kidneys	BUN	19.43	mg/dL	7.02-27.45	
Kidneys	CREA	0.75	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	25.7			
Cardiovasc./Muscle	CK	↑ 445.2	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↑ 170.6	U/L	0.0-143.6	
Energy metabolism	GLU	131.5	mg/dL	68.5-135.2	
Energy metabolism	TC	187.1	mg/dL	103.2-324.1	
Energy metabolism	TG	63.7	mg/dL	8.9-115.1	
Minerals	Ca	9.27	mg/dL	8.40-11.88	
Minerals	PHOS	3.70	mg/dL	2.48-6.81	
Minerals	CaxP	2.77	mmol/L^2		
Minerals	Mg	1.78	mg/dL	1.48-2.58	
Electrolytes	Na+	142.2	mmol/L	138.0-160.0	
Electrolytes	K+	4.7	mmol/L	3.5-5.9	
Electrolytes	Na/K	30.3			
Electrolytes	Cl-	106.3	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:2025-07-04 11:42:43



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## Report Explan.

**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.

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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