

# Biochemistry test report



Patient:	Loki	Species:	Canine	Patient ID:	2507161
Client:	Jun Ramirez	Gender:	Male	Sample No.:	0000001
Doctor:		Age:		Time of analysis:	2025/07/16 11:51

Item		Current result		Ref. Ranges	
Protein	TP	H-	6.59	g/dL	5.31-7.92
Protein	ALB		2.60	g/dL	2.34-4.00
Protein	GLOB		3.99	g/dL	2.54-5.20
Protein	A/G		0.7		
Liver and gallbladder	ALT		61.8	U/L	10.1-100.3
Liver and gallbladder	AST		28.4	U/L	0.0-51.7
Liver and gallbladder	AST/ALT		0.46		
Liver and gallbladder	ALP		44.1	U/L	15.5-212.0
Liver and gallbladder	GGT		8.5	U/L	0.0-15.9
Liver and gallbladder	TBIL	H-	<0.10	mg/dL	0.00-0.88
Liver and gallbladder	TBA		13.7	μmol/L	0.0-30.0
Pancreas	AMY		832.1	U/L	397.7-1285.1
Kidneys	BUN		15.48	mg/dL	7.02-27.45
Kidneys	CREA		0.67	mg/dL	0.23-1.40
Kidneys	BUN/CREA		23.0		
Cardiovasc./Muscle	CK		255.0	U/L	66.4-257.5
Cardiovasc./Muscle	LDH	↑ H+	275.4	U/L	0.0-143.6
Energy metabolism	GLU		73.7	mg/dL	68.5-135.2
Energy metabolism	TC	H+	174.5	mg/dL	103.2-324.1
Energy metabolism	TG		69.8	mg/dL	8.9-115.1
Minerals	Ca		9.39	mg/dL	8.40-11.88
Minerals	PHOS		5.29	mg/dL	2.48-6.81
Minerals	CaxP		4.01	mmol/L^2	
Minerals	Mg		2.08	mg/dL	1.48-2.58
Electrolytes	Na+		145.5	mmol/L	138.0-160.0
Electrolytes	K+		5.1	mmol/L	3.5-5.9
Electrolytes	Na/K		28.3		
Electrolytes	Cl-		110.1	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:2025-07-16 14:59:26



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## Report Explan.

**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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