

# Biochemistry test report



Patient:	SPIKE	Species:	Canine	Patient ID:	118223
Client:	ALMA PENALOSA	Gender:	Neutered	Sample No.:	02
Doctor:		Age stage:		Time of analysis:	2025/04/19 10:26

Item		Current result		Ref. Ranges	
Protein	TP	6.33	g/dL	5.31-7.92	
Protein	ALB	2.70	g/dL	2.34-4.00	
Protein	GLOB	3.63	g/dL	2.54-4.40	
Protein	A/G	0.7			
Liver and gallbladder	ALT	100.1	U/L	10.1-100.3	
Liver and gallbladder	ALP	↑ 241.2	U/L	15.5-125.0	
Liver and gallbladder	GGT	13.2	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.22	mg/dL	0.00-0.88	
Pancreas	AMY	688.8	U/L	397.7-1285.1	
Kidneys	BUN	↑ 27.99	mg/dL	7.02-27.45	
Kidneys	CREA	0.51	mg/dL	0.38-1.40	
Kidneys	BUN/CREA	54.1			
Cardiovasc./Muscle	CK	236.3	U/L	66.4-257.5	
Energy metabolism	GLU	↑ 135.9	mg/dL	68.5-113.3	
Energy metabolism	TC	213.0	mg/dL	103.2-324.1	
Energy metabolism	TG	↑ 156.2	mg/dL	8.9-115.1	
Minerals	Ca	9.22	mg/dL	9.20-11.88	
Minerals	PHOS	3.45	mg/dL	3.10-6.81	
Minerals	CaxP	2.57	mmol/L^2		

Operator:

Diagnosis/Health Checking Panel				QC QC OK	
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0	ICT(Jaundice degree):	0

Report Explan.		
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.
GLU	↑	Increase is commonly associated with diabetes and hypercorticismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.
TG	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticismus, etc.

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2025-04-19 10:27:30



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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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