

Biochemistry test report



Patient:	Annie	Species:	Canine	Patient ID:	2505141
Client:	Joanna Vilorio	Gender:	Female	Sample No.:	0000001
Doctor:		Age stage:	Adult	Time of analysis:	2025/05/14 09:53

Item		Current result		Ref. Ranges	
Protein	TP	7.03	g/dL	5.31-7.92	
Protein	ALB	3.06	g/dL	2.34-4.00	
Protein	GLOB	3.97	g/dL	2.54-4.40	
Protein	A/G	0.8			
Liver and gallbladder	ALT	28.5	U/L	10.1-100.3	
Liver and gallbladder	AST	↑ 139.1	U/L	21.0-51.7	
Liver and gallbladder	AST/ALT	4.88			
Liver and gallbladder	ALP	18.5	U/L	15.5-125.0	
Liver and gallbladder	GGT	6.8	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	6.2	μmol/L	0.0-10.0	
Pancreas	AMY	492.5	U/L	397.7-1285.1	
Kidneys	BUN	16.30	mg/dL	7.02-27.45	
Kidneys	CREA	0.59	mg/dL	0.38-1.40	
Kidneys	BUN/CREA	27.3			
Cardiovasc./Muscle	CK	↑ >2500.0	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↑ 271.5	U/L	36.4-143.6	
Energy metabolism	GLU	89.2	mg/dL	68.5-113.3	
Energy metabolism	TC	212.8	mg/dL	103.2-324.1	
Energy metabolism	TG	51.7	mg/dL	8.9-115.1	
Minerals	Ca	9.72	mg/dL	9.20-11.88	
Minerals	PHOS	↓ 1.65	mg/dL	3.10-6.81	
Minerals	CaxP	1.29	mmol/L^2		
Minerals	Mg	1.75	mg/dL	1.73-2.58	
Electrolytes	Na+	147.5	mmol/L	141.6-160.0	
Electrolytes	K+	3.8	mmol/L	3.5-5.9	
Electrolytes	Na/K	38.9			
Electrolytes	Cl-	115.1	mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree):	1+	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:2025-05-14 09:54:15



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Report Explan.

AST



Increase is commonly associated with liver injury and muscle injury, 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.

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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