

Biochemistry test report



Patient:	Whiskey	Species:	Canine	Patient ID:	2505182
Client:	Charity Nagui	Gender:	Male	Sample No.:	0000002
Doctor:		Age stage:	Adult	Time of analysis:	2025/05/18 09:48

Item		Current result		Ref. Ranges	
Protein	TP	6.91	g/dL	5.31-7.92	
Protein	ALB	3.12	g/dL	2.34-4.00	
Protein	GLOB	3.79	g/dL	2.54-4.40	
Protein	A/G	0.8			
Liver and gallbladder	ALT	79.5	U/L	10.1-100.3	
Liver and gallbladder	AST	↓ 17.9	U/L	21.0-51.7	
Liver and gallbladder	AST/ALT	0.23			
Liver and gallbladder	ALP	28.7	U/L	15.5-125.0	
Liver and gallbladder	GGT	4.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	↑ 35.8	μmol/L	0.0-10.0	
Pancreas	AMY	647.3	U/L	397.7-1285.1	
Kidneys	BUN	15.62	mg/dL	7.02-27.45	
Kidneys	CREA	0.54	mg/dL	0.38-1.40	
Kidneys	BUN/CREA	28.8			
Cardiovasc./Muscle	CK	117.8	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	92.6	U/L	36.4-143.6	
Energy metabolism	GLU	106.7	mg/dL	68.5-113.3	
Energy metabolism	TC	247.8	mg/dL	103.2-324.1	
Energy metabolism	TG	↑ 120.9	mg/dL	8.9-115.1	
Minerals	Ca	9.88	mg/dL	9.20-11.88	
Minerals	PHOS	3.78	mg/dL	3.10-6.81	
Minerals	CaxP	3.02	mmol/L^2		
Minerals	Mg	↓ 1.71	mg/dL	1.73-2.58	
Electrolytes	Na+	153.1	mmol/L	141.6-160.0	
Electrolytes	K+	4.1	mmol/L	3.5-5.9	
Electrolytes	Na/K	37.3			
Electrolytes	Cl-	118.8	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:2025-05-18 09:51:33



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Report Explan.

AST



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

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.

TG



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, etc.

Mg



Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, 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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