

Biochemistry test report



Patient:	Brandy	Species:	Canine	Patient ID:	2505031
Client:	Adoree Jabaness	Gender:	Female	Sample No.:	0000001
Doctor:		Age stage:	Adult	Time of analysis:	2025/05/03 10:55

Item		Current result		Ref. Ranges	
Protein	TP	↑	8.12	g/dL	5.31-7.92
Protein	ALB		3.14	g/dL	2.34-4.00
Protein	GLOB	↑	4.98	g/dL	2.54-4.40
Protein	A/G		0.6		
Liver and gallbladder	ALT		54.3	U/L	10.1-100.3
Liver and gallbladder	AST		21.3	U/L	21.0-51.7
Liver and gallbladder	AST/ALT		0.39		
Liver and gallbladder	ALP	↑	127.4	U/L	15.5-125.0
Liver and gallbladder	GGT		5.0	U/L	0.0-15.9
Liver and gallbladder	TBIL		0.15	mg/dL	0.00-0.88
Liver and gallbladder	TBA	↑	11.7	μmol/L	0.0-10.0
Pancreas	AMY		750.6	U/L	397.7-1285.1
Kidneys	BUN		12.15	mg/dL	7.02-27.45
Kidneys	CREA		0.55	mg/dL	0.38-1.40
Kidneys	BUN/CREA		22.0		
Cardiovasc./Muscle	CK		89.8	U/L	66.4-257.5
Cardiovasc./Muscle	LDH		45.0	U/L	36.4-143.6
Energy metabolism	GLU	↑	500.1	mg/dL	68.5-113.3
Energy metabolism	TC	↑	>541.4	mg/dL	103.2-324.1
Energy metabolism	TG	↑	309.5	mg/dL	8.9-115.1
Minerals	Ca		10.00	mg/dL	9.20-11.88
Minerals	PHOS		4.23	mg/dL	3.10-6.81
Minerals	CaxP		3.42	mmol/L^2	
Minerals	Mg		1.84	mg/dL	1.73-2.58
Electrolytes	Na+		144.0	mmol/L	141.6-160.0
Electrolytes	K+		4.2	mmol/L	3.5-5.9
Electrolytes	Na/K		34.1		
Electrolytes	Cl-		113.7	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
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The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-05-03 14:06:12



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Report Explan.

TP



Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.

GLOB



Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

ALP



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, 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.

GLU



Increase is commonly associated with diabetes and hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.

TC



Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticism, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism, etc.

TG



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