

Biochemistry test report



Patient:	Boi	Species:	Canine	Patient ID:	2503083
Client:	Madonna Bravante	Gender:	Male	Sample No.:	0000001
Doctor:		Age stage:	Adult	Time of analysis:	2025/05/16 10:36

Item		Current result		Ref. Ranges		2025/04/14	
Protein	TP	↑	9.21	g/dL	5.31-7.92		1.19
Protein	ALB	↓	2.17	g/dL	2.34-4.00		<0.50
Protein	GLOB	↑	7.04	g/dL	2.54-4.40		****
Protein	A/G		0.3				****
Liver and gallbladder	ALT		45.1	U/L	10.1-100.3		<5.0
Liver and gallbladder	AST		33.6	U/L	21.0-51.7		
Liver and gallbladder	AST/ALT		0.74				
Liver and gallbladder	ALP	↑	179.4	U/L	15.5-125.0		10.7
Liver and gallbladder	GGT		3.7	U/L	0.0-15.9		<2.0
Liver and gallbladder	TBIL		<0.10	mg/dL	0.00-0.88		0.11
Liver and gallbladder	TBA		9.6	μmol/L	0.0-10.0		
Pancreas	AMY	↑	1878.1	U/L	397.7-1285.1		221.1
Kidneys	BUN		18.77	mg/dL	7.02-27.45		4.08
Kidneys	CREA		0.53	mg/dL	0.38-1.40		<0.20
Kidneys	BUN/CREA		35.0				****
Cardiovasc./Muscle	CK		82.6	U/L	66.4-257.5		45.9
Cardiovasc./Muscle	LDH		100.4	U/L	36.4-143.6		
Energy metabolism	GLU	↓	40.1	mg/dL	68.5-113.3		<9.0
Energy metabolism	TC		194.9	mg/dL	103.2-324.1		48.3
Energy metabolism	TG		49.4	mg/dL	8.9-115.1		15.8
Minerals	Ca		9.74	mg/dL	9.20-11.88		<4.00
Minerals	PHOS		3.77	mg/dL	3.10-6.81		0.57
Minerals	CaxP		2.96	mmol/L^2			****
Minerals	Mg		1.83	mg/dL	1.73-2.58		
Electrolytes	Na+		147.0	mmol/L	141.6-160.0		
Electrolytes	K+		4.7	mmol/L	3.5-5.9		
Electrolytes	Na/K		31.3				
Electrolytes	Cl-	↑	>135.0	mmol/L	102.7-125.0		

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 1+ ICT(Jaundice degree): 0

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-05-16 10:48:34



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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.

ALB



Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.

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.

AMY



Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.

GLU



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

Cl-



Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, diuretic therapy, 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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