

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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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



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. The results only applies to this test sample.

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