

Biochemistry test report



Patient: Christmas Species: Canine Patient ID: 260223001
 Client: Rich Espino Gender: Male Sample No.: 0000001
 Doctor: Age: 8Y Time of analysis: 2026/02/23 10:16

Item	Current result	Ref. Ranges
Protein TP ↑ 8.11 g/dL	5.31-7.92	
Protein ALB 2.76 g/dL	2.34-4.00	
Protein GLOB ↑ 5.36 g/dL	2.54-5.20	
Protein A/G 0.5		
Liver and gallbladder ALT 26.4 U/L	10.1-100.3	
Liver and gallbladder AST 21.8 U/L	0.0-51.7	
Liver and gallbladder AST/ALT 0.83		
Liver and gallbladder ALP 48.0 U/L	15.5-212.0	
Liver and gallbladder GGT 2.5 U/L	0.0-15.9	
Liver and gallbladder TBIL 0.13 mg/dL	0.00-0.88	
Liver and gallbladder TBA 1.8 μmol/L	0.0-30.0	
Pancreas AMY 1209.4 U/L	397.7-1285.1	
Kidneys BUN 14.63 mg/dL	7.02-27.45	
Kidneys CREA 1.03 mg/dL	0.23-1.40	
Kidneys BUN/CREA 14.1		
Cardiovasc./Muscle CK 94.8 U/L	66.4-257.5	
Cardiovasc./Muscle LDH 43.1 U/L	0.0-143.6	
Energy metabolism GLU 103.5 mg/dL	68.5-135.2	
Energy metabolism TC ↓ 75.6 mg/dL	103.2-324.1	
Energy metabolism TG 30.9 mg/dL	8.9-115.1	
Minerals Ca 9.64 mg/dL	8.40-11.88	
Minerals PHOS ↓ 1.91 mg/dL	2.48-6.81	
Minerals CaxP 1.49 mmol/L ²		
Minerals Mg 1.59 mg/dL	1.29-2.58	
Electrolytes Na+ 146.9 mmol/L	138.0-160.0	
Electrolytes K+ 4.3 mmol/L	3.5-5.9	
Electrolytes Na/K 34.2		
Electrolytes Cl- 108.9 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



Report Explain.

TP ↑

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

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-02-23 15:54:51



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Report Explan.

GLOB



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

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.

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. The results only applies to this test sample.

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