



Biochemistry test report

Patient: Seven Species: Canine Patient ID: 260323001
 Client: Janelle Masik Gender: Female Sample No.: 0000001
 Doctor: Age: 4Y Time of analysis: 2026/03/23 09:42

Item	Current result	Ref. Ranges
Protein TP ↑ 8.82 g/dL	5.31-7.92	
Protein ALB ↓ 2.09 g/dL	2.34-4.00	
Protein GLOB ↑ 6.73 g/dL	2.54-5.20	
Protein A/G 0.3		
Liver and gallbladder ALT 29.6 U/L	10.1-100.3	
Liver and gallbladder AST 22.8 U/L	0.0-51.7	
Liver and gallbladder AST/ALT 0.77		
Liver and gallbladder ALP ↓ <5.0 U/L	15.5-212.0	
Liver and gallbladder GGT <2.0 U/L	0.0-15.9	
Liver and gallbladder TBIL <0.10 mg/dL	0.00-0.88	
Liver and gallbladder TBA <1.0 μmol/L	0.0-30.0	
Pancreas AMY 733.5 U/L	397.7-1285.1	
Kidneys BUN 19.10 mg/dL	7.02-27.45	
Kidneys CREA 0.41 mg/dL	0.23-1.40	
Kidneys BUN/CREA 46.8		
Cardiovasc./Muscle CK 125.2 U/L	66.4-257.5	
Cardiovasc./Muscle LDH 87.8 U/L	0.0-143.6	
Energy metabolism GLU 97.1 mg/dL	68.5-135.2	
Energy metabolism TC ↓ 97.2 mg/dL	103.2-324.1	
Energy metabolism TG 37.0 mg/dL	8.9-115.1	
Minerals Ca ↓ 8.39 mg/dL	8.40-11.88	
Minerals PHOS ↓ 2.05 mg/dL	2.48-6.81	
Minerals CaxP 1.39 mmol/L ²		
Minerals Mg 1.54 mg/dL	1.29-2.58	
Electrolytes Na+ 143.7 mmol/L	138.0-160.0	
Electrolytes K+ 4.3 mmol/L	3.5-5.9	
Electrolytes Na/K 33.4		
Electrolytes Cl- 114.2 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: 2026-03-23 18:50:46



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Report Explan.

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.

TC



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

Ca



Increase is commonly associated with hypoadrenocorticism, lymphoma, and nephropathy, etc. Reduction is commonly associated with low calcium diet, hypoalbuminemia, nephropathy, and vitamin D deficiency, 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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