

# Biochemistry test report



Patient: Chokoy Species: Canine Patient ID: 260213001  
 Client: Adelfa Vikingstad Gender: Male Sample No.: 0000001  
 Doctor: Age: 9Y Time of analysis: 2026/02/13 10:57

Item	Current result	Ref. Ranges
Protein <b>TP</b> ↑ <b>8.74</b> g/dL	5.31-7.92	
Protein <b>ALB</b> ↓ <b>2.21</b> g/dL	2.34-4.00	
Protein <b>GLOB</b> ↑ <b>6.53</b> g/dL	2.54-5.20	
Protein <b>A/G</b> <b>0.3</b>		
Liver and gallbladder <b>ALT</b> <b>29.8</b> U/L	10.1-100.3	
Liver and gallbladder <b>AST</b> <b>23.7</b> U/L	0.0-51.7	
Liver and gallbladder <b>AST/ALT</b> <b>0.80</b>		
Liver and gallbladder <b>ALP</b> <b>48.6</b> U/L	15.5-212.0	
Liver and gallbladder <b>GGT</b> <b>&lt;2.0</b> U/L	0.0-15.9	
Liver and gallbladder <b>TBIL</b> <b>&lt;0.10</b> mg/dL	0.00-0.88	
Liver and gallbladder <b>TBA</b> <b>6.4</b> μmol/L	0.0-30.0	
Pancreas <b>AMY</b> ↑ <b>1893.1</b> U/L	397.7-1285.1	
Kidneys <b>BUN</b> ↑ <b>59.33</b> mg/dL	7.02-27.45	
Kidneys <b>CREA</b> ↑ <b>1.63</b> mg/dL	0.23-1.40	
Kidneys <b>BUN/CREA</b> <b>36.3</b>		
Cardiovasc./Muscle <b>CK</b> <b>86.0</b> U/L	66.4-257.5	
Cardiovasc./Muscle <b>LDH</b> <b>86.1</b> U/L	0.0-143.6	
Energy metabolism <b>GLU</b> <b>93.0</b> mg/dL	68.5-135.2	
Energy metabolism <b>TC</b> <b>227.6</b> mg/dL	103.2-324.1	
Energy metabolism <b>TG</b> <b>39.1</b> mg/dL	8.9-115.1	
Minerals <b>Ca</b> <b>10.22</b> mg/dL	8.40-11.88	
Minerals <b>PHOS</b> <b>5.24</b> mg/dL	2.48-6.81	
Minerals <b>CaxP</b> <b>4.32</b> mmol/L <sup>2</sup>		
Minerals <b>Mg</b> <b>1.85</b> mg/dL	1.29-2.58	
Electrolytes <b>Na+</b> <b>146.1</b> mmol/L	138.0-160.0	
Electrolytes <b>K+</b> <b>5.2</b> mmol/L	3.5-5.9	
Electrolytes <b>Na/K</b> <b>27.9</b>		
Electrolytes <b>Cl-</b> <b>108.0</b> 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: 2026-02-13 11:12:58



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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.

**AMY**



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

**BUN**



Increase is commonly associated with high protein diet, gastrointestinal bleeding, nephropathy, and urinary obstruction, etc. Reduction is commonly associated with insufficient protein intake and liver failure, etc.

**CREA**



Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, 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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