

# Biochemistry test report



Patient: Marga Species: Canine Patient ID:  
 Client: Gender: Sample No.: 0000006  
 Doctor: Age: 4Y Time of analysis: 2026/04/28 14:10

Item	Current result	Ref. Ranges
Protein <b>TP</b> ↑ <b>8.23</b> g/dL	5.31-7.92	
Protein <b>ALB</b> <b>3.09</b> g/dL	2.34-4.00	
Protein <b>GLOB</b> <b>5.14</b> g/dL	2.54-5.20	
Protein <b>A/G</b> <b>0.6</b>		
Liver and gallbladder <b>ALT</b> <b>34.6</b> U/L	10.1-100.3	
Liver and gallbladder <b>AST</b> <b>15.4</b> U/L	0.0-51.7	
Liver and gallbladder <b>AST/ALT</b> <b>0.45</b>		
Liver and gallbladder <b>ALP</b> <b>105.0</b> U/L	15.5-212.0	
Liver and gallbladder <b>GGT</b> <b>4.3</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>10.5</b> μmol/L	0.0-30.0	
Pancreas <b>AMY</b> <b>822.7</b> U/L	397.7-1285.1	
Pancreas <b>LIPA-D</b> <b>36.7</b> U/L	0.0-120.0	
Kidneys <b>BUN</b> ↑ <b>30.72</b> mg/dL	7.02-27.45	
Kidneys <b>CREA</b> <b>0.70</b> mg/dL	0.23-1.40	
Kidneys <b>BUN/CREA</b> <b>43.7</b>		
Cardiovasc./Muscle <b>CK</b> <b>112.3</b> U/L	66.4-257.5	
Cardiovasc./Muscle <b>LDH</b> ↑ <b>153.6</b> U/L	0.0-143.6	
Energy metabolism <b>GLU</b> <b>99.7</b> mg/dL	68.5-135.2	
Energy metabolism <b>TC</b> <b>247.5</b> mg/dL	103.2-324.1	
Energy metabolism <b>TG</b> <b>58.6</b> mg/dL	8.9-115.1	
Minerals <b>Ca</b> <b>9.70</b> mg/dL	8.40-11.88	
Minerals <b>PHOS</b> ↓ <b>2.34</b> mg/dL	2.48-6.81	
Minerals <b>CaxP</b> <b>1.83</b> mmol/L <sup>2</sup>		
Minerals <b>Mg</b> <b>2.28</b> mg/dL	1.29-2.58	
Electrolytes <b>Na+</b> <b>154.6</b> mmol/L	138.0-160.0	
Electrolytes <b>K+</b> <b>5.6</b> mmol/L	3.5-5.9	
Electrolytes <b>Na/K</b> <b>27.5</b>		
Electrolytes <b>Cl-</b> <b>113.9</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

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-04-28 14:16:17



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 AND GROOMING CENTER  
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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.

**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.

**LDH**

↑

Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, 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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