

Biochemistry test report



Patient: Champ Species: Canine Patient ID: 260204003
 Client: Michael Cereno Gender: Male Sample No.: 0000003
 Doctor: Age: 6Y Time of analysis: 2026/02/04 14:09

Item	Current result	Ref. Ranges
Protein TP ↑ 9.28 g/dL	5.31-7.92	
Protein ALB 2.34 g/dL	2.34-4.00	
Protein GLOB ↑ 6.94 g/dL	2.54-5.20	
Protein A/G 0.3		
Liver and gallbladder ALT 55.4 U/L	10.1-100.3	
Liver and gallbladder AST 32.4 U/L	0.0-51.7	
Liver and gallbladder AST/ALT 0.59		
Liver and gallbladder ALP 30.5 U/L	15.5-212.0	
Liver and gallbladder GGT 7.4 U/L	0.0-15.9	
Liver and gallbladder TBIL <0.10 mg/dL	0.00-0.88	
Liver and gallbladder TBA 1.7 μmol/L	0.0-30.0	
Pancreas AMY ↑ 1422.2 U/L	397.7-1285.1	
Kidneys BUN ↑ 28.52 mg/dL	7.02-27.45	
Kidneys CREA 0.70 mg/dL	0.23-1.40	
Kidneys BUN/CREA 40.4		
Cardiovasc./Muscle CK ↑ 281.3 U/L	66.4-257.5	
Cardiovasc./Muscle LDH ↑ 321.9 U/L	0.0-143.6	
Energy metabolism GLU 92.0 mg/dL	68.5-135.2	
Energy metabolism TC 184.2 mg/dL	103.2-324.1	
Energy metabolism TG 51.0 mg/dL	8.9-115.1	
Minerals Ca 9.24 mg/dL	8.40-11.88	
Minerals PHOS 2.93 mg/dL	2.48-6.81	
Minerals CaxP 2.19 mmol/L ²		
Minerals Mg 1.56 mg/dL	1.29-2.58	
Electrolytes Na+ 147.7 mmol/L	138.0-160.0	
Electrolytes K+ 3.5 mmol/L	3.5-5.9	
Electrolytes Na/K 42.2		
Electrolytes Cl- 109.9 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: 2026-02-04 14:40:50



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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.
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.
CK	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.
LDH	↑	Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, 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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