

Biochemistry test report



Patient: Loki Species: Feline Patient ID: 260306002
 Client: Amor Dizon Gender: Male Sample No.: 0000002
 Doctor: Age: 2Y Time of analysis: 2026/03/06 10:46

Item	Current result	Ref. Ranges
Protein TP ↓ 5.11 g/dL	5.65-8.85	
Protein ALB 2.58 g/dL	2.20-4.00	
Protein GLOB ↓ 2.53 g/dL	2.82-5.13	
Protein A/G 1.0		
Liver and gallbladder ALT 38.2 U/L	12.0-149.2	
Liver and gallbladder AST 35.0 U/L	0.0-60.0	
Liver and gallbladder AST/ALT 0.92		
Liver and gallbladder ALP 52.4 U/L	8.7-110.9	
Liver and gallbladder GGT <2.0 U/L	0.0-8.2	
Liver and gallbladder TBIL <0.10 mg/dL	0.00-0.88	
Liver and gallbladder TBA <1.0 μmol/L	0.0-20.0	
Pancreas AMY 671.5 U/L	555.6-1940.0	
Kidneys BUN ↑ 111.97 mg/dL	12.79-32.06	
Kidneys CREA ↑ 5.30 mg/dL	0.32-2.03	
Kidneys BUN/CREA 21.0		
Cardiovasc./Muscle CK ↑ 2022.4 U/L	66.1-530.9	
Cardiovasc./Muscle LDH ↑ 393.9 U/L	0.0-334.2	
Energy metabolism GLU ↑ 237.8 mg/dL	61.1-151.2	
Energy metabolism TC 73.3 mg/dL	72.3-225.8	
Energy metabolism TG 81.0 mg/dL	8.9-115.1	
Minerals Ca ↓ 7.23 mg/dL	8.40-11.16	
Minerals PHOS 8.34 mg/dL	2.48-8.42	
Minerals CaxP 4.87 mmol/L^2		
Minerals Mg 2.65 mg/dL	1.60-2.96	
Electrolytes Na+ 148.1 mmol/L	141.0-166.0	
Electrolytes K+ 5.1 mmol/L	3.5-5.9	
Electrolytes Na/K 28.9		
Electrolytes Cl- 115.0 mmol/L	104.4-129.0	

Operator:

Comprehensive Diagnosis Panel

QC QC Fail

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 1+ 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: 2026-03-06 13:29:41



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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.

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.

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.

GLU



Increase is commonly associated with diabetes and hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, 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.

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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