

Biochemistry test report



Patient: Tigger Species: Feline Patient ID: 260226002
 Client: Arlyn Manaois Gender: Male Sample No.: 0000002
 Doctor: Age: 2Y Time of analysis: 2026/02/26 15:06

Item	Current result	Ref. Ranges
Protein TP	5.84 g/dL	5.65-8.85
Protein ALB	2.23 g/dL	2.20-4.00
Protein GLOB	3.60 g/dL	2.82-5.13
Protein A/G	0.6	
Liver and gallbladder ALT	144.5 U/L	12.0-149.2
Liver and gallbladder AST	47.2 U/L	0.0-60.0
Liver and gallbladder AST/ALT	0.33	
Liver and gallbladder ALP	↓ <5.0 U/L	8.7-110.9
Liver and gallbladder GGT	3.0 U/L	0.0-8.2
Liver and gallbladder TBIL	↑ 2.12 mg/dL	0.00-0.88
Liver and gallbladder TBA	↑ 53.4 μmol/L	0.0-20.0
Pancreas AMY	842.7 U/L	555.6-1940.0
Kidneys BUN	↑ 80.20 mg/dL	12.79-32.06
Kidneys CREA	↑ 7.02 mg/dL	0.32-2.03
Kidneys BUN/CREA	11.4	
Cardiovasc./Muscle CK	↑ 965.2 U/L	66.1-530.9
Cardiovasc./Muscle LDH	↑ 864.7 U/L	0.0-334.2
Energy metabolism GLU	↑ 161.1 mg/dL	61.1-151.2
Energy metabolism TC	183.4 mg/dL	72.3-225.8
Energy metabolism TG	↑ 157.7 mg/dL	8.9-115.1
Minerals Ca	↓ 8.21 mg/dL	8.40-11.16
Minerals PHOS	5.76 mg/dL	2.48-8.42
Minerals CaxP	3.82 mmol/L ²	
Minerals Mg	↑ 3.14 mg/dL	1.60-2.96
Electrolytes Na+	144.9 mmol/L	141.0-166.0
Electrolytes K+	↑ 6.2 mmol/L	3.5-5.9
Electrolytes Na/K	23.4	
Electrolytes Cl-	108.1 mmol/L	104.4-129.0

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 1+ ICT(Jaundice degree): 1+



Report Explain.

ALP ↓

Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-02-26 17:38:10



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Report Explan.		
TBIL	↑	Increase is commonly associated with hemolysis and hepatobiliary dysfunction. Reduction is commonly associated with decreased erythropoiesis, etc.
TBA	↑	Increase is commonly associated with hepatic insufficiency or failure, portal vein shunt, and cholestasis, etc. Reduction is commonly associated with long-term fasting and intestinal malabsorption, 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.
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 hypercorticalismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.
TG	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticalismus, 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.
Mg	↑	Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, etc.
K+	↑	Increase is commonly associated with high potassium fluid replacement, diabetes, adrenocortical hypofunction, and acute kidney injury, etc. Reduction is commonly associated with low potassium or potassium-free fluid replacement, vomiting, diarrhea, and hypercorticalismus, 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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