

Biochemistry test report



Patient: Garfield Species: Feline Patient ID: 2510214
 Client: Samantha Cruz Gender: Male Sample No.: 0000004
 Doctor: Age: 6Y Time of analysis: 2025/10/21 18:02

Item	Current result	Ref. Ranges
Protein TP ↑ 10.86 g/dL	5.65-8.85	
Protein ALB 2.66 g/dL	2.20-4.00	
Protein GLOB ↑ 8.20 g/dL	2.82-5.13	
Protein A/G 0.3		
Liver and gallbladder ALT 45.3 U/L	12.0-149.2	
Liver and gallbladder AST 44.4 U/L	0.0-60.0	
Liver and gallbladder AST/ALT 0.98		
Liver and gallbladder ALP ↓ <5.0 U/L	8.7-110.9	
Liver and gallbladder GGT 4.3 U/L	0.0-8.2	
Liver and gallbladder TBIL <0.10 mg/dL	0.00-0.88	
Liver and gallbladder TBA 7.6 μmol/L	0.0-20.0	
Pancreas AMY ↑ 3213.5 U/L	555.6-1940.0	
Kidneys BUN ↑ 35.47 mg/dL	12.79-32.06	
Kidneys CREA ↑ 3.31 mg/dL	0.32-2.03	
Kidneys BUN/CREA 10.7		
Cardiovasc./Muscle CK 128.9 U/L	66.1-530.9	
Cardiovasc./Muscle LDH 223.2 U/L	0.0-334.2	
Energy metabolism GLU 117.2 mg/dL	61.1-151.2	
Energy metabolism TC 104.4 mg/dL	72.3-225.8	
Energy metabolism TG 75.7 mg/dL	8.9-115.1	
Minerals Ca 8.92 mg/dL	8.40-11.16	
Minerals PHOS 3.42 mg/dL	2.48-8.42	
Minerals CaxP 2.46 mmol/L^2		
Minerals Mg 1.74 mg/dL	1.60-2.96	
Electrolytes Na+ 150.8 mmol/L	141.0-166.0	
Electrolytes K+ 3.7 mmol/L	3.5-5.9	
Electrolytes Na/K 40.3		
Electrolytes Cl- ↑ 138.4 mmol/L	104.4-129.0	

Operator:

Comprehensive Diagnosis Panel

QC QC OK

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

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-10-21 18:02:44



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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.

GLOB ↑

Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

ALP ↓

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

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.

Cl- ↑

Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, diuretic therapy, 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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