

Biochemistry test report



Patient: MOCHA Species: Feline Patient ID: 117842
 Client: NACAYTUNA Gender: Male Sample No.: 03
 Doctor: Age stage: Time of analysis: 2025/03/08 11:00

Item	Current result	Ref. Ranges
Protein TP	6.72 g/dL	5.65-8.85
Protein ALB	2.55 g/dL	2.20-4.00
Protein GLOB	4.17 g/dL	2.82-5.13
Protein A/G	0.6	
Liver and gallbladder ALT	38.4 U/L	25.8-149.2
Liver and gallbladder AST	24.6 U/L	16.5-60.0
Liver and gallbladder AST/ALT	0.64	
Liver and gallbladder ALP	35.3 U/L	8.7-110.9
Liver and gallbladder GGT	<2.0 U/L	0.0-8.2
Liver and gallbladder TBIL	0.30 mg/dL	0.00-0.88
Pancreas AMY	1405.5 U/L	555.6-1940.0
Kidneys BUN	↑ >182.65 mg/dL	12.79-32.06
Kidneys CREA	↑ 20.94 mg/dL	0.51-2.03
Kidneys BUN/CREA	****	
Cardiovasc./Muscle CK	169.6 U/L	66.1-530.9
Cardiovasc./Muscle LDH	271.2 U/L	60.9-334.2
Energy metabolism GLU	↑ 294.6 mg/dL	61.1-151.2
Energy metabolism TC	107.9 mg/dL	72.3-225.8
Minerals Ca	↓ 6.04 mg/dL	8.40-11.16
Minerals PHOS	↑ 19.29 mg/dL	3.16-8.42
Minerals CaxP	9.40 mmol/L ²	
Electrolytes tCO2	↓ 5.98 mmol/L	11.10-21.17
Electrolytes Na+	145.2 mmol/L	143.0-166.0
Electrolytes K+	↑ 7.1 mmol/L	3.5-5.9
Electrolytes Na/K	20.5	
Electrolytes Cl-	109.8 mmol/L	104.4-129.0

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: 2025-03-08 11:14:34



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Report Explan.

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.

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.

PHOS



Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, etc.

tCO2



Increase is commonly associated with metabolic alkalosis and respiratory acidosis; Reduction is commonly associated with metabolic acidosis, respiratory alkalosis

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 hypercorticism, 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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