

Biochemistry test report



Patient: COCO Species: Feline Patient ID: 260411001
 Client: MIGUEL Gender: Male Sample No.: 01
 Doctor: Age: 11M Time of analysis: 2026/02/11 12:20

Item		Current result	Ref. Ranges
Protein	TP	65.9 g/L	56.5-88.5
Protein	ALB	29.7 g/L	22.0-40.0
Protein	GLOB	36.2 g/L	28.2-51.3
Protein	A/G	0.8	
Liver and gallbladder	ALT	97.3 U/L	12.0-149.2
Liver and gallbladder	AST	↑ 95.8 U/L	0.0-60.0
Liver and gallbladder	AST/ALT	0.98	
Liver and gallbladder	ALP	28.1 U/L	8.7-110.9
Liver and gallbladder	GGT	<2.0 U/L	0.0-8.2
Liver and gallbladder	TBIL	4.24 μmol/L	0.00-15.00
Liver and gallbladder	TBA	1.1 μmol/L	0.0-20.0
Pancreas	AMY	829.1 U/L	555.6-1940.0
Kidneys	BUN	↑ 33.81 mmol/L	4.55-11.41
Kidneys	CREA	↑ 667.60 μmol/L	28.00-180.00
Kidneys	BUN/CREA	12.5	
Cardiovasc./Muscle	CK	↑ >2500.0 U/L	66.1-530.9
Cardiovasc./Muscle	LDH	↑ 386.7 U/L	0.0-334.2
Energy metabolism	GLU	↑ 10.12 mmol/L	3.39-8.39
Energy metabolism	TC	4.01 mmol/L	1.87-5.84
Energy metabolism	TG	1.09 mmol/L	0.10-1.30
Minerals	Ca	↓ 2.07 mmol/L	2.10-2.79
Minerals	PHOS	↑ 3.01 mmol/L	0.80-2.72
Minerals	CaxP	6.23 mmol/L ²	
Minerals	Mg	0.69 mmol/L	0.66-1.22
Electrolytes	Na+	144.9 mmol/L	141.0-166.0
Electrolytes	K+	5.0 mmol/L	3.5-5.9
Electrolytes	Na/K	29.1	
Electrolytes	Cl-	114.3 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



Report Explan.

AST



Increase is commonly associated with liver injury and muscle injury, etc.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-02-11 14:19:48



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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.

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.

PHOS



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