

Biochemistry test report



Patient:	GRAY	Species:	Feline	Patient ID:	260716001
Client:	MABAO	Gender:	Spayed	Sample No.:	01
Doctor:		Age:		Time of analysis:	2026/07/17 18:17

Item		Current result		Ref. Ranges	
Protein	TP	↑	111.8	g/L	56.5-88.5
Protein	ALB		33.1	g/L	22.0-40.0
Protein	GLOB	↑	78.7	g/L	28.2-55.8
Protein	A/G		0.4		
Liver and gallbladder	ALT		70.1	U/L	12.0-149.2
Liver and gallbladder	AST	↑	75.5	U/L	0.0-60.0
Liver and gallbladder	AST/ALT		1.08		
Liver and gallbladder	ALP		32.5	U/L	8.7-110.9
Liver and gallbladder	GGT		<2.0	U/L	0.0-8.2
Liver and gallbladder	TBIL		11.22	μmol/L	0.00-15.00
Liver and gallbladder	TBA		3.9	μmol/L	0.0-20.0
Pancreas	AMY	↑	3102.0	U/L	555.6-1940.0
Pancreas	LIPA-D	↑	40.3	U/L	0.0-20.0
Kidneys	BUN	↑	>65.00	mmol/L	4.55-13.00
Kidneys	CREA	↑	901.50	μmol/L	28.00-180.00
Kidneys	BUN/CREA		****		
Cardiovasc./Muscle	CK		424.4	U/L	40.0-530.9
Cardiovasc./Muscle	LDH	↑	479.5	U/L	0.0-334.2
Energy metabolism	GLU		5.72	mmol/L	3.39-8.39
Energy metabolism	TC	↑	6.87	mmol/L	1.87-5.84
Energy metabolism	TG		0.79	mmol/L	0.10-1.30
Minerals	Ca		2.25	mmol/L	1.95-2.79
Minerals	PHOS	↑	>6.50	mmol/L	0.80-2.72
Minerals	CaxP		****	(mmol/L) ²	
Minerals	Mg	↑	2.09	mmol/L	0.66-1.22
Electrolytes	Na+		151.5	mmol/L	141.0-166.0
Electrolytes	K+	↑	6.1	mmol/L	3.5-5.9
Electrolytes	Na/K		24.7		
Electrolytes	Cl-		114.2	mmol/L	102.4-129.0

LIPA-D: 0.0-20.0 U/L Negative 20.0-30.0 U/L Suspected >30.0 U/L Positive

Operator:

Comprehensive Diagnosis Panel		QC QC OK	
HEM(Hemolysis degree):	1+	LIP(Lipemia degree):	0
		ICT(Jaundice degree):	0

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-07-17 18:23:56



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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.

AST

↑

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

AMY

↑

Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.

LIPA-D

↑

Increase is commonly associated with 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.

LDH

↑

Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.

TC

↑

Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticism, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism, etc.

PHOS

↑

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