Biochemistry test report

Patient:	BONAK	Species:	Feline	Patient ID:	25082363
Client:	MORALDE	Gender:	Male	Sample No.:	08
Doctor:		Age:		Time of analysis:	2025/11/10 13:29

	Item		Current result		Ref. Ranges	
Protein	**TP**	↑	**123.1**	g/L	56.5-88.5	
Protein	**ALB**		**28.9**	g/L	22.0-40.0	
Protein	**GLOB**	↑	**94.2**	g/L	28.2-51.3	
Protein	**A/G**		**0.3**			
Liver and gallbladder	**ALT**		**63.0**	U/L	12.0-149.2	
Liver and gallbladder	**AST**		**48.3**	U/L	0.0-60.0	
Liver and gallbladder	**AST/ALT**		**0.77**			
Liver and gallbladder	**ALP**		**55.2**	U/L	8.7-110.9	
Liver and gallbladder	**GGT**		**2.2**	U/L	0.0-8.2	
Liver and gallbladder	**TBIL**		**<1.70**	μmol/L	0.00-15.00	
Liver and gallbladder	**TBA**		**<1.0**	μmol/L	0.0-20.0	
Pancreas	**AMY**	↑	**2731.7**	U/L	555.6-1940.0	
Kidneys	**BUN**	↑	**48.43**	mmol/L	4.55-11.41	
Kidneys	**CREA**	↑	**657.80**	μmol/L	28.00-180.00	
Kidneys	**BUN/CREA**		**18.2**			
Cardiovasc./Muscle	**CK**	↑	**553.4**	U/L	66.1-530.9	
Cardiovasc./Muscle	**LDH**		**95.4**	U/L	0.0-334.2	
Energy metabolism	**GLU**		**5.10**	mmol/L	3.39-8.39	
Energy metabolism	**TC**		**2.99**	mmol/L	1.87-5.84	
Energy metabolism	**TG**		**0.97**	mmol/L	0.10-1.30	
Minerals	**Ca**		**2.26**	mmol/L	2.10-2.79	
Minerals	**PHOS**	↑	**3.04**	mmol/L	0.80-2.72	
Minerals	**CaxP**		**6.89**	mmol/L^2		
Minerals	**Mg**	↑	**1.33**	mmol/L	0.66-1.22	
Electrolytes	**Na+**		**162.5**	mmol/L	141.0-166.0	
Electrolytes	**K+**		**4.1**	mmol/L	3.5-5.9	
Electrolytes	**Na/K**		**39.4**			
Electrolytes	**Cl-**	↑	**131.1**	mmol/L	104.4-129.0	

Operator:

Comprehensive Diagnosis Panel **QC QC OK**

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

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2025-11-10 13:29:49

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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.
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.
CK	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, 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.
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.

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