Biochemistry test report



Patient:	TOTORO	Species:	Feline	Patient ID:	260824004
Client:	EBONIA	Gender:	Male	Sample No.:	04
Doctor:		Age:	1Y	Time of analysis:	2026/08/24 13:17

	Item		Current result		Ref. Ranges
Protein	**TP**		**70.9**	g/L	56.5-88.5
Protein	**ALB**		**30.5**	g/L	22.0-40.0
Protein	**GLOB**		**40.5**	g/L	28.2-55.8
Protein	**A/G**		**0.8**		
Liver and gallbladder	**ALT**		**96.1**	U/L	12.0-149.2
Liver and gallbladder	**AST**	↑	**68.8**	U/L	0.0-60.0
Liver and gallbladder	**AST/ALT**		**0.72**		
Liver and gallbladder	**ALP**		**20.2**	U/L	8.7-110.9
Liver and gallbladder	**GGT**		**<2.0**	U/L	0.0-8.2
Liver and gallbladder	**TBIL**	H−	**<1.70**	μmol/L	0.00-15.00
Liver and gallbladder	**TBA**		**<1.0**	μmol/L	0.0-20.0
Pancreas	**AMY**		**735.6**	U/L	555.6-1940.0
Pancreas	**LIPA-D**		**14.2**	U/L	0.0-20.0
Kidneys	**BUN**	↑	**46.57**	mmol/L	4.55-13.00
Kidneys	**CREA**	↑	**1436.10**	μmol/L	28.00-180.00
Kidneys	**BUN/CREA**		**8.0**		
Cardiovasc./Muscle	**CK**	↑	**1779.3**	U/L	40.0-530.9
Cardiovasc./Muscle	**LDH**	↑	**655.6**	U/L	0.0-334.2
Energy metabolism	**GLU**	↑	**10.48**	mmol/L	3.39-8.39
Energy metabolism	**TC**		**2.40**	mmol/L	1.87-5.84
Energy metabolism	**TG**		**0.78**	mmol/L	0.10-1.30
Minerals	**Ca**		**2.21**	mmol/L	1.95-2.79
Minerals	**PHOS**		**2.60**	mmol/L	0.80-2.72
Minerals	**CaxP**		**5.75**	$(mmol/L)^2$	
Minerals	**Mg**		**1.18**	mmol/L	0.66-1.22
Electrolytes	**Na+**		**144.5**	mmol/L	141.0-166.0
Electrolytes	**K+**	↑	**7.5**	mmol/L	3.5-5.9
Electrolytes	**Na/K**		**19.4**		
Electrolytes	**Cl-**		**105.7**	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):	2+	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:2026-08-24 13:24:34

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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.
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 hypercorticalismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, 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 hypercorticalismus, 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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