Biochemistry test report

Patient:	UMIN	Species:	Feline	Patient ID:	260407003
Client:	TENESTRANTE	Gender:	Male	Sample No.:	06
Doctor:		Age:	6Y	Time of analysis:	2026/04/24 15:41

	Item		Current result		Ref. Ranges		2026/04/09
Protein	**TP**		**79.6**	g/L	56.5-88.5		**73.5**
Protein	**ALB**		**28.4**	g/L	22.0-40.0		**25.2**
Protein	**GLOB**		**51.2**	g/L	28.2-51.3		**48.3**
Protein	**A/G**		**0.6**				**0.5**
Liver and gallbladder	**ALT**		**71.8**	U/L	12.0-149.2		
Liver and gallbladder	**AST**		**21.2**	U/L	0.0-60.0		
Liver and gallbladder	**AST/ALT**		**0.29**				
Liver and gallbladder	**ALP**		**9.5**	U/L	8.7-110.9		
Liver and gallbladder	**GGT**		**<2.0**	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**		**1272.6**	U/L	555.6-1940.0		
Kidneys	**BUN**	↑	**27.93**	mmol/L	4.55-11.41		**26.00**
Kidneys	**CREA**	↑	**439.00**	μmol/L	28.00-180.00		**275.80**
Kidneys	**BUN/CREA**		**15.8**				**23.3**
Cardiovasc./Muscle	**CK**		**85.4**	U/L	66.1-530.9		
Cardiovasc./Muscle	**LDH**		**33.6**	U/L	0.0-334.2		
Energy metabolism	**GLU**		**4.50**	mmol/L	3.39-8.39		
Energy metabolism	**TC**		**4.47**	mmol/L	1.87-5.84		
Energy metabolism	**TG**		**0.82**	mmol/L	0.10-1.30		
Minerals	**Ca**	↑	**3.67**	mmol/L	2.10-2.79		**3.36**
Minerals	**PHOS**		**1.25**	mmol/L	0.80-2.72		**1.85**
Minerals	**CaxP**		**4.57**	mmol/L^2			**6.22**
Minerals	**Mg**		**0.85**	mmol/L	0.66-1.22		
Electrolytes	**Na+**		**155.8**	mmol/L	141.0-166.0		**155.4**
Electrolytes	**K+**		**4.6**	mmol/L	3.5-5.9		**4.7**
Electrolytes	**Na/K**		**34.2**				**33.3**
Electrolytes	**Cl-**		**107.9**	mmol/L	104.4-129.0		**129.5**

Operator:

Comprehensive Diagnosis Panel **QC QC OK**

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

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.

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-04-24 15:42:02

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Report Explan.

CREA	↑	Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, 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.

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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