

Biochemistry test report



Patient:	UMIN	Species:	Feline	Patient ID:	260407003
Client:	TENESTRANTE	Gender:	Male	Sample No.:	04
Doctor:		Age:	6Y	Time of analysis:	2026/05/25 10:30

Item		Current result		Ref. Ranges		2026/04/24
Protein	TP	72.9	g/L	56.5-88.5		79.6
Protein	ALB	27.7	g/L	22.0-40.0		28.4
Protein	GLOB	45.3	g/L	28.2-55.8		51.2
Protein	A/G	0.6				0.6
Liver and gallbladder	ALT	60.5	U/L	12.0-149.2		71.8
Liver and gallbladder	AST	18.4	U/L	0.0-60.0		21.2
Liver and gallbladder	AST/ALT	0.30				0.29
Liver and gallbladder	ALP	29.2	U/L	8.7-110.9		9.5
Liver and gallbladder	GGT	<2.0	U/L	0.0-8.2		<2.0
Liver and gallbladder	TBIL	<1.70	μmol/L	0.00-15.00		<1.70
Liver and gallbladder	TBA	5.1	μmol/L	0.0-20.0		<1.0
Pancreas	AMY	1307.7	U/L	555.6-1940.0		1272.6
Pancreas	LIPA-D	17.7	U/L	0.0-20.0		
Kidneys	BUN	↑ 37.35	mmol/L	4.55-11.41		27.93
Kidneys	CREA	↑ 355.20	μmol/L	28.00-180.00		439.00
Kidneys	BUN/CREA	26.0				15.8
Cardiovasc./Muscle	CK	66.5	U/L	66.1-530.9		85.4
Cardiovasc./Muscle	LDH	39.0	U/L	0.0-334.2		33.6
Energy metabolism	GLU	4.83	mmol/L	3.39-8.39		4.50
Energy metabolism	TC	3.64	mmol/L	1.87-5.84		4.47
Energy metabolism	TG	0.54	mmol/L	0.10-1.30		0.82
Minerals	Ca	↑ 3.03	mmol/L	2.10-2.79		3.67
Minerals	PHOS	↓ 0.47	mmol/L	0.80-2.72		1.25
Minerals	CaxP	1.42	(mmol/L) ²			4.57
Minerals	Mg	1.21	mmol/L	0.66-1.22		0.85
Electrolytes	Na+	164.4	mmol/L	141.0-166.0		155.8
Electrolytes	K+	5.2	mmol/L	3.5-5.9		4.6
Electrolytes	Na/K	31.7				34.2
Electrolytes	Cl-	105.4	mmol/L	102.4-129.0		107.9

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

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-05-25 11:29:07



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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.

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.
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