

Biochemistry test report



Patient:	UMIN	Species:	Feline	Patient ID:	260407003
Client:	TENESTRANTE	Gender:	Male	Sample No.:	02
Doctor:		Age:	6Y	Time of analysis:	2026/07/29 11:47

Item		Current result		Ref. Ranges		2026/05/25
Protein	TP	78.6	g/L	56.5-88.5		72.9
Protein	ALB	27.3	g/L	22.0-40.0		27.7
Protein	GLOB	51.3	g/L	28.2-55.8		45.3
Protein	A/G	0.5				0.6
Liver and gallbladder	ALT	66.5	U/L	12.0-149.2		60.5
Liver and gallbladder	AST	43.1	U/L	0.0-60.0		18.4
Liver and gallbladder	AST/ALT	0.65				0.30
Liver and gallbladder	ALP	↓ 8.4	U/L	8.7-110.9		29.2
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	<1.0	μmol/L	0.0-20.0		5.1
Pancreas	AMY	↑ 2224.7	U/L	555.6-1940.0		1307.7
Pancreas	LIPA-D	19.0	U/L	0.0-20.0		17.7
Kidneys	BUN	↑ 41.80	mmol/L	4.55-13.00		37.35
Kidneys	CREA	↑ 691.50	μmol/L	28.00-180.00		355.20
Kidneys	BUN/CREA	15.0				26.0
Cardiovasc./Muscle	CK	76.3	U/L	40.0-530.9		66.5
Cardiovasc./Muscle	LDH	155.2	U/L	0.0-334.2		39.0
Energy metabolism	GLU	↑ 11.06	mmol/L	3.39-8.39		4.83
Energy metabolism	TC	4.15	mmol/L	1.87-5.84		3.64
Energy metabolism	TG	0.84	mmol/L	0.10-1.30		0.54
Minerals	Ca	↑ 3.25	mmol/L	1.95-2.79		3.03
Minerals	PHOS	0.92	mmol/L	0.80-2.72		0.47
Minerals	CaxP	2.98	(mmol/L) ²			1.42
Minerals	Mg	↑ 1.37	mmol/L	0.66-1.22		1.21
Electrolytes	Na+	152.6	mmol/L	141.0-166.0		164.4
Electrolytes	K+	5.9	mmol/L	3.5-5.9		5.2
Electrolytes	Na/K	25.7				31.7
Electrolytes	Cl-	112.1	mmol/L	102.4-129.0		105.4

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):	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:2026-07-29 11:48:10



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Report Explan.

ALP



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.

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.

GLU



Increase is commonly associated with diabetes and hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, 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.

Mg



Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, 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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