

Biochemistry test report



Patient:	CHIANTE	Species:	Feline	Patient ID:	260721002
Client:	MACARAMBON	Gender:	Male	Sample No.:	02
Doctor:		Age:	4Y	Time of analysis:	2026/07/21 12:39

Item		Current result		Ref. Ranges	
Protein	TP	75.9	g/L	56.5-88.5	
Protein	ALB	31.1	g/L	22.0-40.0	
Protein	GLOB	44.9	g/L	28.2-55.8	
Protein	A/G	0.7			
Liver and gallbladder	ALT	60.5	U/L	12.0-149.2	
Liver and gallbladder	AST	35.2	U/L	0.0-60.0	
Liver and gallbladder	AST/ALT	0.58			
Liver and gallbladder	ALP	33.4	U/L	8.7-110.9	
Liver and gallbladder	GGT	<2.0	U/L	0.0-8.2	
Liver and gallbladder	TBIL	5.55	μmol/L	0.00-15.00	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-20.0	
Pancreas	AMY	988.8	U/L	555.6-1940.0	
Pancreas	LIPA-D	↑ 29.6	U/L	0.0-20.0	
Kidneys	BUN	↑ >65.00	mmol/L	4.55-13.00	
Kidneys	CREA	↑ >2000.00	μmol/L	28.00-180.00	
Kidneys	BUN/CREA	****			
Cardiovasc./Muscle	CK	↑ 1089.9	U/L	40.0-530.9	
Cardiovasc./Muscle	LDH	286.4	U/L	0.0-334.2	
Energy metabolism	GLU	↑ 17.80	mmol/L	3.39-8.39	
Energy metabolism	TC	3.52	mmol/L	1.87-5.84	
Energy metabolism	TG	↑ 1.45	mmol/L	0.10-1.30	
Minerals	Ca	↓ 1.65	mmol/L	1.95-2.79	
Minerals	PHOS	↑ >6.50	mmol/L	0.80-2.72	
Minerals	CaxP	****	(mmol/L) ²		
Minerals	Mg	↑ 2.26	mmol/L	0.66-1.22	
Electrolytes	Na+	151.5	mmol/L	141.0-166.0	
Electrolytes	K+	↑ >8.5	mmol/L	3.5-5.9	
Electrolytes	Na/K	****			
Electrolytes	Cl-	114.2	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):	0	LIP(Lipemia degree):	0
		ICT(Jaundice degree):	0

Report Explan.

LIPA-D ↑

Increase is commonly associated with pancreatitis, pancreatic tumor, etc.

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-07-21 12:39:46



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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.

GLU

↑

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

TG

↑

Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, 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.

Mg

↑

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