

Biochemistry test report



Patient:	MIMING	Species:	Feline	Patient ID:	119023
Client:	GEA JAQUILMAC	Gender:	Female	Sample No.:	04
Doctor:		Age:	7Y	Time of analysis:	2025/07/17 15:43

Item		Current result		Ref. Ranges	
Protein	TP	↑	11.57	g/dL	5.65-8.85
Protein	ALB		3.34	g/dL	2.20-4.00
Protein	GLOB	↑	8.24	g/dL	2.82-5.13
Protein	A/G		0.4		
Liver and gallbladder	ALT		76.8	U/L	12.0-149.2
Liver and gallbladder	AST	↑	64.5	U/L	0.0-60.0
Liver and gallbladder	AST/ALT		0.84		
Liver and gallbladder	ALP		39.3	U/L	8.7-110.9
Liver and gallbladder	GGT		<2.0	U/L	0.0-8.2
Liver and gallbladder	TBIL	↑	1.28	mg/dL	0.00-0.88
Liver and gallbladder	TBA		8.3	μmol/L	0.0-20.0
Pancreas	AMY	↑	3109.4	U/L	555.6-1940.0
Kidneys	BUN	↑	>182.65	mg/dL	12.79-32.06
Kidneys	CREA	↑	19.04	mg/dL	0.32-2.03
Kidneys	BUN/CREA		****		
Cardiovasc./Muscle	CK		181.1	U/L	66.1-530.9
Cardiovasc./Muscle	LDH		239.8	U/L	0.0-334.2
Energy metabolism	GLU	↑	162.5	mg/dL	61.1-151.2
Energy metabolism	TC		211.9	mg/dL	72.3-225.8
Energy metabolism	TG	↑	188.7	mg/dL	8.9-115.1
Minerals	Ca	↓	7.80	mg/dL	8.40-11.16
Minerals	PHOS	↑	>20.13	mg/dL	2.48-8.42
Minerals	CaxP		****	mmol/L^2	
Minerals	Mg	↑	7.70	mg/dL	1.77-2.96
Electrolytes	Na+		160.3	mmol/L	141.0-166.0
Electrolytes	K+	↑	7.3	mmol/L	3.5-5.9
Electrolytes	Na/K		21.9		
Electrolytes	Cl-		109.1	mmol/L	104.4-129.0

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 1+ ICT(Jaundice degree): 0

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5 Time of Printing:2025-07-17 15:47:18



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Report Explan.

TP	↑	Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.
GLOB	↑	Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.
AST	↑	Increase is commonly associated with liver injury and muscle injury, etc.
TBIL	↑	Increase is commonly associated with hemolysis and hepatobiliary dysfunction. Reduction is commonly associated with decreased erythropoiesis, 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.
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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