

Biochemistry test report



Patient:	MOTHER CAT	Species:	Feline	Patient ID:	118165
Client:	GEMMA VELASCO	Gender:	Female	Sample No.:	07
Doctor:		Age:	3Y	Time of analysis:	2025/07/05 16:07

Item		Current result		Ref. Ranges	
Protein	TP	6.88	g/dL	5.65-8.85	
Protein	ALB	↓ 2.07	g/dL	2.20-4.00	
Protein	GLOB	4.81	g/dL	2.82-5.13	
Protein	A/G	0.4			
Liver and gallbladder	ALT	62.9	U/L	12.0-149.2	
Liver and gallbladder	AST	↑ 189.2	U/L	0.0-60.0	
Liver and gallbladder	AST/ALT	3.01			
Liver and gallbladder	ALP	59.7	U/L	8.7-110.9	
Liver and gallbladder	GGT	<2.0	U/L	0.0-8.2	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	3.4	μmol/L	0.0-20.0	
Pancreas	AMY	735.9	U/L	555.6-1940.0	
Kidneys	BUN	↑ 34.00	mg/dL	12.79-32.06	
Kidneys	CREA	1.82	mg/dL	0.32-2.03	
Kidneys	BUN/CREA	18.6			
Cardiovasc./Muscle	CK	↑ >2500.0	U/L	66.1-530.9	
Cardiovasc./Muscle	LDH	↑ 542.6	U/L	0.0-334.2	
Energy metabolism	GLU	↓ 56.8	mg/dL	61.1-151.2	
Energy metabolism	TC	152.7	mg/dL	72.3-225.8	
Energy metabolism	TG	↑ 161.2	mg/dL	8.9-115.1	
Minerals	Ca	↓ 7.56	mg/dL	8.40-11.16	
Minerals	PHOS	6.10	mg/dL	2.48-8.42	
Minerals	CaxP	3.72	mmol/L^2		
Minerals	Mg	↑ 3.30	mg/dL	1.77-2.96	
Electrolytes	Na+	157.5	mmol/L	141.0-166.0	
Electrolytes	K+	5.1	mmol/L	3.5-5.9	
Electrolytes	Na/K	30.6			
Electrolytes	Cl-	128.1	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:2025-07-05 16:08:35



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Report Explan.

ALB	↓	Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.
AST	↑	Increase is commonly associated with liver injury and muscle injury, 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.
CK	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.
LDH	↑	Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, 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.
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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