

Biochemistry test report



Patient:	Boo	Species:	Feline	Patient ID:	2506153
Client:	Marinella Palaganas	Gender:	Female	Sample No.:	0000003
Doctor:		Age:	1Y	Time of analysis:	2025/06/15 12:10

Item		Current result		Ref. Ranges	
Protein	TP	6.12	g/dL	5.65-8.85	
Protein	ALB	↓ 1.74	g/dL	2.20-4.00	
Protein	GLOB	4.38	g/dL	2.82-5.13	
Protein	A/G	0.4			
Liver and gallbladder	ALT	↓ 6.9	U/L	12.0-149.2	
Liver and gallbladder	AST	15.0	U/L	0.0-60.0	
Liver and gallbladder	AST/ALT	2.18			
Liver and gallbladder	ALP	↓ <5.0	U/L	8.7-110.9	
Liver and gallbladder	GGT	4.2	U/L	0.0-8.2	
Liver and gallbladder	TBIL	0.41	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-20.0	
Pancreas	AMY	1887.0	U/L	555.6-1940.0	
Kidneys	BUN	19.93	mg/dL	12.79-32.06	
Kidneys	CREA	0.66	mg/dL	0.32-2.03	
Kidneys	BUN/CREA	29.9			
Cardiovasc./Muscle	CK	344.5	U/L	66.1-530.9	
Cardiovasc./Muscle	LDH	173.8	U/L	0.0-334.2	
Energy metabolism	GLU	104.2	mg/dL	61.1-151.2	
Energy metabolism	TC	121.9	mg/dL	72.3-225.8	
Energy metabolism	TG	105.7	mg/dL	8.9-115.1	
Minerals	Ca	↓ 5.90	mg/dL	8.40-11.16	
Minerals	PHOS	4.18	mg/dL	2.48-8.42	
Minerals	CaxP	1.99	mmol/L^2		
Minerals	Mg	1.98	mg/dL	1.77-2.96	
Electrolytes	Na+	↓ <110.0	mmol/L	141.0-166.0	
Electrolytes	K+	↓ 3.2	mmol/L	3.5-5.9	
Electrolytes	Na/K	****			
Electrolytes	Cl-	↓ 70.2	mmol/L	104.4-129.0	

Operator:

Comprehensive Diagnosis Panel

QC QC Fail

HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0	ICT(Jaundice degree):	0
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The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-06-15 13:30:03



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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.

ALT



Increase is commonly associated with liver injury and muscle injury, etc.

ALP



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

Na+



Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, hyperaldosteronism, and severe dehydration, etc. Reduction is commonly associated with hypoadrenocorticism, diuretic therapy, 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.

Cl-



Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, diuretic therapy, 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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