

Biochemistry test report



Patient:	SNOW	Species:	Feline	Patient ID:	2509231
Client:	TOLINERO	Gender:	Male	Sample No.:	02
Doctor:		Age:	4Y	Time of analysis:	2025/09/23 10:19

Item		Current result		Ref. Ranges	
Protein	TP	↑ H- 92.8	g/L	56.5-88.5	
Protein	ALB	31.9	g/L	22.0-40.0	
Protein	GLOB	↑ 60.9	g/L	28.2-51.3	
Protein	A/G	0.5			
Liver and gallbladder	ALT	106.4	U/L	12.0-149.2	
Liver and gallbladder	AST	H+ 58.9	U/L	0.0-60.0	
Liver and gallbladder	AST/ALT	0.55			
Liver and gallbladder	ALP	13.3	U/L	8.7-110.9	
Liver and gallbladder	GGT	<2.0	U/L	0.0-8.2	
Liver and gallbladder	TBIL	H- <1.70	μmol/L	0.00-15.00	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-20.0	
Pancreas	AMY	1089.8	U/L	555.6-1940.0	
Kidneys	BUN	↑ 45.40	mmol/L	4.55-11.41	
Kidneys	CREA	↑ 953.20	μmol/L	28.00-180.00	
Kidneys	BUN/CREA	11.8			
Cardiovasc./Muscle	CK	H+ 446.9	U/L	66.1-530.9	
Cardiovasc./Muscle	LDH	↑ H+ 423.9	U/L	0.0-334.2	
Energy metabolism	GLU	↑ 9.25	mmol/L	3.39-8.39	
Energy metabolism	TC	H+ 3.55	mmol/L	1.87-5.84	
Energy metabolism	TG	0.49	mmol/L	0.10-1.30	
Minerals	Ca	↓ 2.06	mmol/L	2.10-2.79	
Minerals	PHOS	↑ 3.19	mmol/L	0.80-2.72	
Minerals	CaxP	6.59	mmol/L^2		
Minerals	Mg	H+ 0.96	mmol/L	0.66-1.22	
Electrolytes	Na+	147.2	mmol/L	141.0-166.0	
Electrolytes	K+	↑ H+ 6.4	mmol/L	3.5-5.9	
Electrolytes	Na/K	22.9			
Electrolytes	Cl-	111.3	mmol/L	104.4-129.0	

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree):	3+	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:2025-09-23 10:19:34



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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.

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.

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.

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.

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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