

Biochemistry test report



Patient:	RESCUE	Species:	Feline	Patient ID:	119022
Client:	ALEXIES EMAN	Gender:	Male	Sample No.:	02
Doctor:		Age:	2Y	Time of analysis:	2025/07/17 13:18

Item		Current result		Ref. Ranges	
Protein	TP	↑	9.05	g/dL	5.65-8.85
Protein	ALB		2.35	g/dL	2.20-4.00
Protein	GLOB	↑	6.70	g/dL	2.82-5.13
Protein	A/G		0.4		
Liver and gallbladder	ALT	↑	413.4	U/L	12.0-149.2
Liver and gallbladder	AST	↑	333.3	U/L	0.0-60.0
Liver and gallbladder	AST/ALT		0.81		
Liver and gallbladder	ALP		16.8	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		<1.0	μmol/L	0.0-20.0
Pancreas	AMY		1676.3	U/L	555.6-1940.0
Kidneys	BUN		26.70	mg/dL	12.79-32.06
Kidneys	CREA	↓	0.28	mg/dL	0.32-2.03
Kidneys	BUN/CREA		93.2		
Cardiovasc./Muscle	CK	↑	>2500.0	U/L	66.1-530.9
Cardiovasc./Muscle	LDH	↑	775.3	U/L	0.0-334.2
Energy metabolism	GLU		92.3	mg/dL	61.1-151.2
Energy metabolism	TC		139.6	mg/dL	72.3-225.8
Energy metabolism	TG		69.1	mg/dL	8.9-115.1
Minerals	Ca		8.56	mg/dL	8.40-11.16
Minerals	PHOS		7.12	mg/dL	2.48-8.42
Minerals	CaxP		4.91	mmol/L^2	
Minerals	Mg		2.60	mg/dL	1.77-2.96
Electrolytes	Na+	↓	140.9	mmol/L	141.0-166.0
Electrolytes	K+		3.9	mmol/L	3.5-5.9
Electrolytes	Na/K		35.7		
Electrolytes	Cl-	↓	103.0	mmol/L	104.4-129.0

Operator:

Comprehensive Diagnosis Panel

QC QC OK

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:2025-07-17 13:19:40



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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.

ALT



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

AST



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

LDH



Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, 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.

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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