

# Biochemistry test report



Patient:	Hiko	Species:	Feline	Patient ID:	2505131
Client:	Alexis Nuñez	Gender:	Male	Sample No.:	0000001
Doctor:		Age stage:	Adult	Time of analysis:	2025/05/13 11:05

Item		Current result		Ref. Ranges	
Protein	TP	7.79	g/dL	5.65-8.85	
Protein	ALB	2.75	g/dL	2.20-4.00	
Protein	GLOB	5.04	g/dL	2.82-5.13	
Protein	A/G	0.5			
Liver and gallbladder	ALT	49.9	U/L	25.8-149.2	
Liver and gallbladder	AST	18.0	U/L	16.5-60.0	
Liver and gallbladder	AST/ALT	0.36			
Liver and gallbladder	ALP	12.4	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	0.0-10.0	
Pancreas	AMY	962.5	U/L	555.6-1940.0	
Kidneys	BUN	22.69	mg/dL	12.79-32.06	
Kidneys	CREA	0.91	mg/dL	0.51-2.03	
Kidneys	BUN/CREA	24.9			
Cardiovasc./Muscle	CK	121.2	U/L	66.1-530.9	
Cardiovasc./Muscle	LDH	86.0	U/L	60.9-334.2	
Energy metabolism	GLU	107.7	mg/dL	61.1-151.2	
Energy metabolism	TC	113.0	mg/dL	72.3-225.8	
Energy metabolism	TG	44.4	mg/dL	8.9-115.1	
Minerals	Ca	8.90	mg/dL	8.40-11.16	
Minerals	PHOS	4.52	mg/dL	3.16-8.42	
Minerals	CaxP	3.25	mmol/L^2		
Minerals	Mg	1.61	mg/dL	2.02-2.96	
Electrolytes	Na+	149.4	mmol/L	143.0-166.0	
Electrolytes	K+	4.2	mmol/L	3.5-5.9	
Electrolytes	Na/K	35.2			
Electrolytes	Cl-	128.8	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:2025-05-13 11:23:46



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## Report Explan.

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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