

Biochemistry test report



Patient:	Baji	Species:	Feline	Patient ID:	25042584
Client:	Karl Apaga	Gender:	Male	Sample No.:	0000003
Doctor:		Age stage:	Adult	Time of analysis:	2025/04/25 10:44

Item		Current result		Ref. Ranges	
Protein	TP	6.34	g/dL	5.65-8.85	
Protein	ALB	2.65	g/dL	2.20-4.00	
Protein	GLOB	3.69	g/dL	2.82-5.13	
Protein	A/G	0.7			
Liver and gallbladder	ALT	49.5	U/L	25.8-149.2	
Liver and gallbladder	AST	34.1	U/L	16.5-60.0	
Liver and gallbladder	AST/ALT	0.69			
Liver and gallbladder	ALP	17.6	U/L	8.7-110.9	
Liver and gallbladder	GGT	3.2	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	937.7	U/L	555.6-1940.0	
Kidneys	BUN	161.22	mg/dL	12.79-32.06	
Kidneys	CREA	16.21	mg/dL	0.51-2.03	
Kidneys	BUN/CREA	9.9			
Cardiovasc./Muscle	CK	484.9	U/L	66.1-530.9	
Cardiovasc./Muscle	LDH	296.5	U/L	60.9-334.2	
Energy metabolism	GLU	111.9	mg/dL	61.1-151.2	
Energy metabolism	TC	126.0	mg/dL	72.3-225.8	
Energy metabolism	TG	63.7	mg/dL	8.9-115.1	
Minerals	Ca	6.90	mg/dL	8.40-11.16	
Minerals	PHOS	10.11	mg/dL	3.16-8.42	
Minerals	CaxP	5.63	mmol/L^2		
Minerals	Mg	2.57	mg/dL	2.02-2.96	
Electrolytes	Na+	161.7	mmol/L	143.0-166.0	
Electrolytes	K+	8.0	mmol/L	3.5-5.9	
Electrolytes	Na/K	20.2			
Electrolytes	Cl-	128.5	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:2025-04-25 10:57:02



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Report Explan.

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.

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 hypercorticalismus, 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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