

# Biochemistry test report



Patient:	PEPING	Species:	Feline	Patient ID:	114599
Client:	BALA	Gender:	Male	Sample No.:	02
Doctor:		Age:	Adult	Time of analysis:	2025/07/21 13:30

Item		Current result		Ref. Ranges		2025/05/19	
Protein	TP	↑	9.59	g/dL	5.65-8.85		9.30
Protein	ALB		2.71	g/dL	2.20-4.00		2.63
Protein	GLOB	↑	6.88	g/dL	2.82-5.13		6.67
Protein	A/G		0.4				0.4
Kidneys	BUN	↑	120.80	mg/dL	12.79-32.06		112.90
Kidneys	CREA	↑	4.84	mg/dL	0.32-2.03		3.31
Kidneys	BUN/CREA		24.9				34.0
Minerals	Ca	↓	6.98	mg/dL	8.40-11.16		7.33
Minerals	PHOS	↑	8.43	mg/dL	2.48-8.42		8.07
Minerals	CaxP		4.75	mmol/L^2			4.78
Electrolytes	Na+		152.8	mmol/L	141.0-166.0		
Electrolytes	K+		4.6	mmol/L	3.5-5.9		
Electrolytes	Na/K		33.3				
Electrolytes	Cl-		121.7	mmol/L	104.4-129.0		

Operator:

Kidney Recheck Panel		QC QC OK	
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0
		ICT(Jaundice degree):	0

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.
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.

The results only applies to this test sample. Test Instrument: Mindray vetXpert C5 Time of Printing: 2025-07-21 13:33:22



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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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