

# Biochemistry test report



Patient:	KOOMI	Species:	Feline	Patient ID:	118385
Client:	GLADYS AGUAVIVA	Gender:	Male	Sample No.:	04
Doctor:		Age:	1Y	Time of analysis:	2025/08/25 17:35

Item		Current result		Ref. Ranges		2025/05/05
Protein	TP	7.55	g/dL	5.65-8.85		6.99
Protein	ALB	2.75	g/dL	2.20-4.00		2.62
Protein	GLOB	4.79	g/dL	2.82-5.13		4.37
Protein	A/G	0.6				0.6
Kidneys	BUN	↑ 173.31	mg/dL	12.79-32.06		21.25
Kidneys	CREA	↑ >22.60	mg/dL	0.32-2.03		1.27
Kidneys	BUN/CREA	****				16.6
Minerals	Ca	↓ 7.99	mg/dL	8.40-11.16		9.51
Minerals	PHOS	↑ 14.04	mg/dL	2.48-8.42		4.06
Minerals	CaxP	9.06	mmol/L^2			3.12
Electrolytes	Na+	↓ 134.0	mmol/L	141.0-166.0		
Electrolytes	K+	↑ 7.5	mmol/L	3.5-5.9		
Electrolytes	Na/K	17.8				
Electrolytes	Cl-	↓ 102.3	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.

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.

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.

K+



Increase is commonly associated with high potassium fluid replacement, diabetes, adrenocortical hypofunction, and acute kidney injury, etc. Reduction is commonly

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-08-25 17:44:18



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associated with low potassium or potassium-free fluid replacement, vomiting, diarrhea, and hypercorticalismus, 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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