

# Biochemistry test report



Patient:	SIAMESE	Species:	Feline	Patient ID:	2508302
Client:	JUMAWAN	Gender:	Male	Sample No.:	3
Doctor:		Age:	2Y	Time of analysis:	2025/08/30 10:54

Item		Current result		Ref. Ranges	
Protein	TP	74.8	g/L	56.5-88.5	
Protein	ALB	27.7	g/L	22.0-40.0	
Protein	GLOB	47.1	g/L	28.2-51.3	
Protein	A/G	0.6			
Kidneys	BUN	↑ 46.58	mmol/L	4.55-11.41	
Kidneys	CREA	↑ 687.00	μmol/L	28.00-180.00	
Kidneys	BUN/CREA	16.8			
Minerals	Ca	↓ 1.69	mmol/L	2.10-2.79	
Minerals	PHOS	2.53	mmol/L	0.80-2.72	
Minerals	CaxP	4.27	mmol/L^2		
Electrolytes	Na+	149.6	mmol/L	141.0-166.0	
Electrolytes	K+	↑ 6.9	mmol/L	3.5-5.9	
Electrolytes	Na/K	21.6			
Electrolytes	Cl-	120.9	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.

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. The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5 Time of Printing: 2025-08-30 11:05:54



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