

# Biochemistry test report



Patient: Archer Species: Feline Patient ID: 260220002  
 Client: Jenalyn Villamil Gender: Male Sample No.: 0000002  
 Doctor: Age: 3Y Time of analysis: 2026/02/20 14:55

Item	Current result	Ref. Ranges
Protein <b>TP</b>	<b>7.82</b> g/dL	5.65-8.85
Protein <b>ALB</b>	<b>3.15</b> g/dL	2.20-4.00
Protein <b>GLOB</b>	<b>4.67</b> g/dL	2.82-5.13
Protein <b>A/G</b>	<b>0.7</b>	
Kidneys <b>BUN</b>	<b>&gt;182.65</b> mg/dL	12.79-32.06
Kidneys <b>CREA</b>	<b>&gt;22.60</b> mg/dL	0.32-2.03
Kidneys <b>BUN/CREA</b>	<b>****</b>	
Minerals <b>Ca</b>	<b>4.79</b> mg/dL	8.40-11.16
Minerals <b>PHOS</b>	<b>20.03</b> mg/dL	2.48-8.42
Minerals <b>CaxP</b>	<b>7.75</b> mmol/L <sup>2</sup>	
Electrolytes <b>Na+</b>	<b>150.6</b> mmol/L	141.0-166.0
Electrolytes <b>K+</b>	<b>8.0</b> mmol/L	3.5-5.9
Electrolytes <b>Na/K</b>	<b>18.7</b>	
Electrolytes <b>Cl-</b>	<b>102.1</b> 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.

<b>BUN</b> ↑	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.
<b>CREA</b> ↑	Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, etc.
<b>Ca</b> ↓	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.
<b>PHOS</b> ↑	Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, etc.
<b>K+</b> ↑	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 hypercorticalism, etc.
<b>Cl-</b> ↓	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. The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5 Time of Printing: 2026-02-20 15:46:26



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