

# Biochemistry test report



Patient: Lou yi Species: Canine Patient ID:  
 Client: John Patrick Misa Gender: Female Sample No.: 0000004  
 Doctor: Age: 5Y Time of analysis: 2026/05/19 15:11

Item	Current result	Ref. Ranges
Protein <b>TP</b>	<b>8.14</b> g/dL	5.20-8.20
Protein <b>ALB</b>	<b>2.64</b> g/dL	2.10-4.00
Protein <b>GLOB</b> ↑	<b>5.50</b> g/dL	2.54-5.20
Protein <b>A/G</b>	<b>0.5</b>	
Kidneys <b>BUN</b>	<b>10.79</b> mg/dL	7.02-27.45
Kidneys <b>CREA</b>	<b>0.49</b> mg/dL	0.23-1.40
Kidneys <b>BUN/CREA</b>	<b>21.8</b>	
Minerals <b>Ca</b> ↓	<b>&lt;4.00</b> mg/dL	8.40-11.88
Minerals <b>PHOS</b>	<b>4.26</b> mg/dL	2.17-6.81
Minerals <b>CaxP</b>	<b>****</b> (mmol/L) <sup>2</sup>	
Electrolytes <b>Na+</b>	<b>144.0</b> mmol/L	138.0-160.0
Electrolytes <b>K+</b> ↑	<b>&gt;8.5</b> mmol/L	3.5-5.9
Electrolytes <b>Na/K</b>	<b>****</b>	
Electrolytes <b>Cl-</b>	<b>109.8</b> mmol/L	100.7-125.0

Operator:

### Kidney Recheck Panel

QC QC OK

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 0 ICT(Jaundice degree): 0



### Report Explain.

**GLOB** ↑

Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

**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 hypercorticalism, 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: 2026-05-19 15:13:45



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