

# Biochemistry test report



Patient: Mokang Species: Canine Patient ID: 260423001  
 Client: Erika Nero Gender: Female Sample No.: 0000001  
 Doctor: Age: 2Y Time of analysis: 2026/04/23 13:02

Item	Current result	Ref. Ranges
Protein <b>TP</b>	<b>6.01</b> g/dL	5.31-7.92
Protein <b>ALB</b>	↓ <b>2.12</b> g/dL	2.34-4.00
Protein <b>GLOB</b>	<b>3.89</b> g/dL	2.54-5.20
Protein <b>A/G</b>	<b>0.5</b>	
Liver and gallbladder <b>ALT</b>	<b>33.1</b> U/L	10.1-100.3
Liver and gallbladder <b>AST</b>	<b>47.8</b> U/L	0.0-51.7
Liver and gallbladder <b>AST/ALT</b>	<b>1.44</b>	
Liver and gallbladder <b>ALP</b>	↑ <b>317.6</b> U/L	15.5-212.0
Liver and gallbladder <b>GGT</b>	<b>7.9</b> U/L	0.0-15.9
Liver and gallbladder <b>TBIL</b>	<b>0.45</b> mg/dL	0.00-0.88
Liver and gallbladder <b>TBA</b>	<b>9.7</b> μmol/L	0.0-30.0
Pancreas <b>AMY</b>	<b>958.8</b> U/L	397.7-1285.1
Pancreas <b>LIPA-D</b>	<b>109.2</b> U/L	0.0-120.0
Kidneys <b>BUN</b>	<b>19.88</b> mg/dL	7.02-27.45
Kidneys <b>CREA</b>	<b>1.26</b> mg/dL	0.23-1.40
Kidneys <b>BUN/CREA</b>	<b>15.8</b>	
Cardiovasc./Muscle <b>CK</b>	<b>154.3</b> U/L	66.4-257.5
Cardiovasc./Muscle <b>LDH</b>	↑ <b>184.1</b> U/L	0.0-143.6
Energy metabolism <b>GLU</b>	<b>88.9</b> mg/dL	68.5-135.2
Energy metabolism <b>TC</b>	<b>268.6</b> mg/dL	103.2-324.1
Energy metabolism <b>TG</b>	↑ <b>124.5</b> mg/dL	8.9-115.1
Minerals <b>Ca</b>	<b>9.02</b> mg/dL	8.40-11.88
Minerals <b>PHOS</b>	<b>3.08</b> mg/dL	2.48-6.81
Minerals <b>CaxP</b>	<b>2.24</b> mmol/L <sup>2</sup>	
Minerals <b>Mg</b>	<b>1.80</b> mg/dL	1.29-2.58
Electrolytes <b>Na+</b>	↓ <b>135.9</b> mmol/L	138.0-160.0
Electrolytes <b>K+</b>	<b>4.2</b> mmol/L	3.5-5.9
Electrolytes <b>Na/K</b>	<b>32.4</b>	
Electrolytes <b>Cl-</b>	↓ <b>102.3</b> mmol/L	102.7-125.0

Operator:

## Comprehensive Diagnosis Panel

QC QC OK

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

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-04-23 14:31:49



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Client:	Erika Nero	Gender:	Female	Sample No.:	0000001
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## Report Explan.

ALB



Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.

ALP



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.

LDH



Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.

TG



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, 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.

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. The results only applies to this test sample.

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# Immunoassay test report



Patient:	Mokang	Species:	Canine	Patient ID:	260423001
Client:	Erika Nero	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	2Y	Time of analysis:	2026/04/23 13:02

Lab item	Current result	Ref. Ranges
cSDMA	↑ 23.4	µg/dL 0.0-14.0

Operator:

## Report Explan.

cSDMA

Result indications:  
<14.0 ug/dL Normal  
14.0-20.0 ug/dL Suspected  
>20.0 ug/dL Abnormal  
Clinical significance:  
cSDMA is an early biomarker of progressive kidney injury, and an increase may indicate impaired renal function.

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 I3 Time of Printing: 2026-04-23 14:31:51



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