

# Biochemistry test report



Patient: Jumbo Species: Canine Patient ID: 260412001  
 Client: Elizabeth Moya Gender: Male Sample No.: 0000001  
 Doctor: Age: 12Y Time of analysis: 2026/04/12 10:45

Item	Current result	Ref. Ranges
Protein <b>TP</b>	<b>6.85</b> g/dL	5.31-7.92
Protein <b>ALB</b>	<b>2.06</b> g/dL	2.34-4.00
Protein <b>GLOB</b>	<b>4.79</b> g/dL	2.54-5.20
Protein <b>A/G</b>	<b>0.4</b>	
Liver and gallbladder <b>ALT</b>	<b>34.2</b> U/L	10.1-100.3
Liver and gallbladder <b>AST</b>	<b>25.2</b> U/L	0.0-51.7
Liver and gallbladder <b>AST/ALT</b>	<b>0.74</b>	
Liver and gallbladder <b>ALP</b>	<b>49.2</b> U/L	15.5-212.0
Liver and gallbladder <b>GGT</b>	<b>4.0</b> U/L	0.0-15.9
Liver and gallbladder <b>TBIL</b>	<b>&lt;0.10</b> mg/dL	0.00-0.88
Liver and gallbladder <b>TBA</b>	<b>1.7</b> μmol/L	0.0-30.0
Pancreas <b>AMY</b>	<b>906.4</b> U/L	397.7-1285.1
Kidneys <b>BUN</b>	<b>7.61</b> mg/dL	7.02-27.45
Kidneys <b>CREA</b>	<b>0.62</b> mg/dL	0.23-1.40
Kidneys <b>BUN/CREA</b>	<b>12.2</b>	
Cardiovasc./Muscle <b>CK</b>	<b>167.8</b> U/L	66.4-257.5
Cardiovasc./Muscle <b>LDH</b>	<b>171.2</b> U/L	0.0-143.6
Energy metabolism <b>GLU</b>	<b>90.7</b> mg/dL	68.5-135.2
Energy metabolism <b>TC</b>	<b>128.9</b> mg/dL	103.2-324.1
Energy metabolism <b>TG</b>	<b>40.7</b> mg/dL	8.9-115.1
Minerals <b>Ca</b>	<b>9.19</b> mg/dL	8.40-11.88
Minerals <b>PHOS</b>	<b>3.64</b> mg/dL	2.48-6.81
Minerals <b>CaxP</b>	<b>2.70</b> mmol/L <sup>2</sup>	
Minerals <b>Mg</b>	<b>1.47</b> mg/dL	1.29-2.58
Electrolytes <b>Na+</b>	<b>144.4</b> mmol/L	138.0-160.0
Electrolytes <b>K+</b>	<b>4.8</b> mmol/L	3.5-5.9
Electrolytes <b>Na/K</b>	<b>29.8</b>	
Electrolytes <b>Cl-</b>	<b>113.4</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



## Report Explain.

**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.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-04-12 14:07:35



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Patient:	Jumbo	Species:	Canine	Patient ID:	260412001
Client:	Elizabeth Moya	Gender:	Male	Sample No.:	0000001
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## Report Explan.

**LDH**



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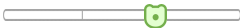
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# Immunoassay test report



Patient:	Jumbo	Species:	Canine	Patient ID:	260412001
Client:	Elizabeth Moya	Gender:	Male	Sample No.:	0000001
Doctor:		Age:	12Y	Time of analysis:	2026/04/12 10:44

Lab item	Current result	Ref. Ranges
cSDMA	13.7	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: 2026-04-12 14:07:37



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