

# Bunching Test report



Patient:	Bunching	Species:	Canine	Patient ID:	
Client:	Cristina Mercado	Gender:	Female	Age:	3Y

## AI Aided Diag. Explan.

It is recommended to add liver and kidney panel tests, electrolytes, myocardial enzyme spectrum (N-terminal pro-brain natriuretic peptide, cardiac troponin I), electrocardiogram, and ultrasound-related examinations to evaluate the animal's overall muscle health status, based on clinical manifestations and medical history.

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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# Biochemistry test report



Patient: Bunching Species: Canine Patient ID:  
 Client: Cristina Mercado Gender: Female Sample No.: 0000004  
 Doctor: Age: 3Y Time of analysis: 2026/04/27 19:26

Item	Current result	Ref. Ranges
Protein <b>TP</b> ↑ <b>13.00</b> g/dL	5.31-7.92	
Protein <b>ALB</b> <b>2.44</b> g/dL	2.34-4.00	
Protein <b>GLOB</b> ↑ <b>10.56</b> g/dL	2.54-5.20	
Protein <b>A/G</b> <b>0.2</b>		
Liver and gallbladder <b>ALT</b> <b>29.3</b> U/L	10.1-100.3	
Liver and gallbladder <b>AST</b> ↑ <b>53.8</b> U/L	0.0-51.7	
Liver and gallbladder <b>AST/ALT</b> <b>1.84</b>		
Liver and gallbladder <b>ALP</b> <b>18.9</b> U/L	15.5-212.0	
Liver and gallbladder <b>GGT</b> <b>4.8</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>2.8</b> μmol/L	0.0-30.0	
Pancreas <b>AMY</b> ↑ <b>1906.2</b> U/L	397.7-1285.1	
Pancreas <b>LIPA-D</b> <b>41.1</b> U/L	0.0-120.0	
Kidneys <b>BUN</b> <b>15.17</b> mg/dL	7.02-27.45	
Kidneys <b>CREA</b> <b>0.97</b> mg/dL	0.23-1.40	
Kidneys <b>BUN/CREA</b> <b>15.5</b>		
Cardiovasc./Muscle <b>CK</b> ↑ <b>328.1</b> U/L	66.4-257.5	
Cardiovasc./Muscle <b>LDH</b> ↑ <b>482.4</b> U/L	0.0-143.6	
Energy metabolism <b>GLU</b> <b>89.6</b> mg/dL	68.5-135.2	
Energy metabolism <b>TC</b> ↓ <b>81.9</b> mg/dL	103.2-324.1	
Energy metabolism <b>TG</b> <b>39.8</b> mg/dL	8.9-115.1	
Minerals <b>Ca</b> <b>8.95</b> mg/dL	8.40-11.88	
Minerals <b>PHOS</b> <b>4.30</b> mg/dL	2.48-6.81	
Minerals <b>CaxP</b> <b>3.11</b> mmol/L <sup>2</sup>		
Minerals <b>Mg</b> <b>1.87</b> mg/dL	1.29-2.58	
Electrolytes <b>Na+</b> ↓ <b>137.8</b> mmol/L	138.0-160.0	
Electrolytes <b>K+</b> <b>4.6</b> mmol/L	3.5-5.9	
Electrolytes <b>Na/K</b> <b>29.8</b>		
Electrolytes <b>Cl-</b> ↓ <b>98.4</b> mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel		QC QC OK	
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	1+
		ICT(Jaundice degree):	0

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

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Doctor:		Age:	3Y	Time of analysis:	2026/04/27 19:26



## Report Explan.

<b>TP</b>	↑	Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.
<b>GLOB</b>	↑	Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.
<b>AST</b>	↑	Increase is commonly associated with liver injury and muscle injury, etc.
<b>AMY</b>	↑	Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.
<b>CK</b>	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.
<b>LDH</b>	↑	Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.
<b>TC</b>	↓	Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticism, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism, etc.
<b>Na+</b>	↓	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.
<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.

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