

# Biochemistry test report



Patient: Miley Species: Canine Patient ID:  
 Client: Jasmine Gloria Gender: Female Sample No.: 0000005  
 Doctor: Age: 15Y Time of analysis: 2026/05/08 11:25

Item	Current result	Ref. Ranges
Protein <b>TP</b>	<b>7.27</b> g/dL	5.20-8.20
Protein <b>ALB</b>	<b>2.77</b> g/dL	2.10-4.00
Protein <b>GLOB</b>	<b>4.50</b> g/dL	2.54-5.20
Protein <b>A/G</b>	<b>0.6</b>	
Liver and gallbladder <b>ALT</b>	<b>37.4</b> U/L	10.1-100.3
Liver and gallbladder <b>AST</b>	<b>31.3</b> U/L	0.0-51.7
Liver and gallbladder <b>AST/ALT</b>	<b>0.84</b>	
Liver and gallbladder <b>ALP</b>	↑ <b>518.5</b> U/L	15.5-212.0
Liver and gallbladder <b>GGT</b>	<b>&lt;2.0</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>2.4</b> μmol/L	0.0-30.0
Pancreas <b>AMY</b>	<b>1201.8</b> U/L	397.7-1285.1
Pancreas <b>LIPA-D</b>	<b>76.9</b> U/L	0.0-100.0
Kidneys <b>BUN</b>	<b>14.38</b> mg/dL	7.02-27.45
Kidneys <b>CREA</b>	<b>0.57</b> mg/dL	0.23-1.40
Kidneys <b>BUN/CREA</b>	<b>25.3</b>	
Cardiovasc./Muscle <b>CK</b>	<b>160.3</b> U/L	66.4-257.5
Cardiovasc./Muscle <b>LDH</b>	↑ <b>192.4</b> U/L	0.0-143.6
Energy metabolism <b>GLU</b>	<b>83.2</b> mg/dL	68.5-135.2
Energy metabolism <b>TC</b>	<b>138.9</b> mg/dL	103.2-324.1
Energy metabolism <b>TG</b>	↑ <b>130.1</b> mg/dL	8.9-115.1
Minerals <b>Ca</b>	<b>10.93</b> mg/dL	8.40-11.88
Minerals <b>PHOS</b>	<b>3.11</b> mg/dL	2.17-6.81
Minerals <b>CaxP</b>	<b>2.75</b> mmol/L <sup>2</sup>	
Minerals <b>Mg</b>	<b>1.46</b> mg/dL	1.29-2.58
Electrolytes <b>Na+</b>	<b>146.6</b> mmol/L	138.0-160.0
Electrolytes <b>K+</b>	<b>5.3</b> mmol/L	3.5-5.9
Electrolytes <b>Na/K</b>	<b>27.9</b>	
Electrolytes <b>Cl-</b>	<b>112.3</b> mmol/L	100.7-125.0

LIPA-D: 0.0-100.0 U/L Negative 100.0-200.0 U/L Suspected >200.0 U/L Positive

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: 2026-05-08 13:24:13



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## Report Explan.

**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 hypercorticismus, 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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