

# Biochemistry test report



Patient: MILO Species: Canine Patient ID: 114758  
 Client: ANTONIO GALLA Gender: Male Sample No.: 06  
 Doctor: Age: 1Y Time of analysis: 2025/08/23 13:17

Item	Current result	Ref. Ranges
Protein <b>TP</b> ↑ <b>8.74</b> g/dL	5.31-7.92	
Protein <b>ALB</b> <b>2.89</b> g/dL	2.34-4.00	
Protein <b>GLOB</b> ↑ <b>5.84</b> g/dL	2.54-5.20	
Protein <b>A/G</b> <b>0.5</b>		
Liver and gallbladder <b>ALT</b> <b>26.7</b> U/L	10.1-100.3	
Liver and gallbladder <b>ALP</b> <b>90.5</b> U/L	15.5-212.0	
Liver and gallbladder <b>GGT</b> <b>7.2</b> U/L	0.0-15.9	
Liver and gallbladder <b>TBIL</b> <b>0.28</b> mg/dL	0.00-0.88	
Pancreas <b>AMY</b> <b>774.3</b> U/L	397.7-1285.1	
Kidneys <b>BUN</b> ↓ <b>5.73</b> mg/dL	7.03-27.45	
Kidneys <b>CREA</b> <b>0.77</b> mg/dL	0.23-1.40	
Kidneys <b>BUN/CREA</b> <b>7.5</b>		
Cardiovasc./Muscle <b>CK</b> <b>87.9</b> U/L	66.4-257.5	
Energy metabolism <b>GLU</b> <b>90.6</b> mg/dL	68.5-135.2	
Energy metabolism <b>TC</b> ↓ <b>61.9</b> mg/dL	103.2-324.1	
Energy metabolism <b>TG</b> <b>31.0</b> mg/dL	8.9-115.1	
Minerals <b>Ca</b> <b>9.24</b> mg/dL	8.40-11.88	
Minerals <b>PHOS</b> ↓ <b>1.95</b> mg/dL	2.48-6.81	
Minerals <b>CaxP</b> <b>1.44</b> mmol/L <sup>2</sup>		

Operator:

Diagnosis/Health Checking Panel	QC QC OK
HEM(Hemolysis degree): 0	LIP(Lipemia degree): 0
	ICT(Jaundice degree): 0

## 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>BUN</b> ↓	Increase is commonly associated with high protein diet, gastrointestinal bleeding, nephropathy, and urinary obstruction, etc. Reduction is commonly associated with insufficient protein intake and liver failure, etc.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-08-23 13:20:51



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Doctor:		Age:	1Y	Time of analysis:	2025/08/23 13:17



## Report Explan.

TC



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.

PHOS



Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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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