

# Biochemistry test report



Patient:	Champ	Species:	Canine	Patient ID:	251229002
Client:	Michael Cereno	Gender:	Male	Sample No.:	0000002
Doctor:		Age:	5Y	Time of analysis:	2025/12/29 15:40

Item	Current result	Ref. Ranges
Protein	<b>TP</b>	↑ <b>9.95</b>
Protein	<b>ALB</b>	<b>2.44</b>
Protein	<b>GLOB</b>	↑ <b>7.51</b>
Protein	<b>A/G</b>	<b>0.3</b>
Liver and gallbladder	<b>ALT</b>	↑ <b>249.0</b>
Liver and gallbladder	<b>AST</b>	↑ <b>54.0</b>
Liver and gallbladder	<b>AST/ALT</b>	<b>0.22</b>
Liver and gallbladder	<b>ALP</b>	<b>73.8</b>
Liver and gallbladder	<b>GGT</b>	<b>10.7</b>
Liver and gallbladder	<b>TBIL</b>	<0.10
Liver and gallbladder	<b>TBA</b>	<b>3.6</b>
Pancreas	<b>AMY</b>	<b>482.1</b>
Kidneys	<b>BUN</b>	↑ <b>40.51</b>
Kidneys	<b>CREA</b>	<b>0.94</b>
Kidneys	<b>BUN/CREA</b>	<b>43.1</b>
Cardiovasc./Muscle	<b>CK</b>	<b>187.5</b>
Cardiovasc./Muscle	<b>LDH</b>	↑ <b>234.6</b>
Energy metabolism	<b>GLU</b>	<b>77.5</b>
Energy metabolism	<b>TC</b>	<b>194.4</b>
Energy metabolism	<b>TG</b>	<b>103.5</b>
Minerals	<b>Ca</b>	<b>9.30</b>
Minerals	<b>PHOS</b>	<b>3.69</b>
Minerals	<b>CaxP</b>	<b>2.77</b>
Minerals	<b>Mg</b>	<b>1.94</b>
Electrolytes	<b>Na+</b>	<b>143.5</b>
Electrolytes	<b>K+</b>	<b>3.8</b>
Electrolytes	<b>Na/K</b>	<b>37.3</b>
Electrolytes	<b>Cl-</b>	<b>112.3</b>

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0

LIP(Lipemia degree): 1+

1+

ICT(Jaundice degree): 0

0



## Report Explain.

**TP**



Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-12-29 17:21:59



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## Report Explan.

**GLOB**

↑

Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

**ALT**

↑

Increase is commonly associated with liver injury and muscle injury, etc.

**AST**

↑

Increase is commonly associated with liver injury and muscle injury, etc.

**BUN**

↑

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.

**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.  
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