

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 TP ↑ 9.95 g/dL	5.31-7.92	
Protein ALB 2.44 g/dL	2.34-4.00	
Protein GLOB ↑ 7.51 g/dL	2.54-5.20	
Protein A/G 0.3		
Liver and gallbladder ALT ↑ 249.0 U/L	10.1-100.3	
Liver and gallbladder AST ↑ 54.0 U/L	0.0-51.7	
Liver and gallbladder AST/ALT 0.22		
Liver and gallbladder ALP 73.8 U/L	15.5-212.0	
Liver and gallbladder GGT 10.7 U/L	0.0-15.9	
Liver and gallbladder TBIL <0.10 mg/dL	0.00-0.88	
Liver and gallbladder TBA 3.6 μmol/L	0.0-30.0	
Pancreas AMY 482.1 U/L	397.7-1285.1	
Kidneys BUN ↑ 40.51 mg/dL	7.02-27.45	
Kidneys CREA 0.94 mg/dL	0.23-1.40	
Kidneys BUN/CREA 43.1		
Cardiovasc./Muscle CK 187.5 U/L	66.4-257.5	
Cardiovasc./Muscle LDH ↑ 234.6 U/L	0.0-143.6	
Energy metabolism GLU 77.5 mg/dL	68.5-135.2	
Energy metabolism TC 194.4 mg/dL	103.2-324.1	
Energy metabolism TG 103.5 mg/dL	8.9-115.1	
Minerals Ca 9.30 mg/dL	8.40-11.88	
Minerals PHOS 3.69 mg/dL	2.48-6.81	
Minerals CaxP 2.77 mmol/L^2		
Minerals Mg 1.94 mg/dL	1.29-2.58	
Electrolytes Na+ 143.5 mmol/L	138.0-160.0	
Electrolytes K+ 3.8 mmol/L	3.5-5.9	
Electrolytes Na/K 37.3		
Electrolytes Cl- 112.3 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



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 20:40:21



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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



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. The results only applies to this test sample.

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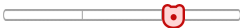
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Immunoassay test report



Patient:	Champ	Species:	Canine	Patient ID:	251229002
Client:	Michael Cereno	Gender:	Male	Sample No.:	0000002
Doctor:		Age:	5Y	Time of analysis:	2025/12/29 15:39

Lab item	Current result	Ref. Ranges
cSDMA	↑ 17.2	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: 2025-12-29 20:40:23



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