

Biochemistry test report



Patient: Hershey Species: Canine Patient ID: 260410001
 Client: Ruby Medrano Gender: Female Sample No.: 0000001
 Doctor: Age: 4Y Time of analysis: 2026/04/10 09:51

Item	Current result	Ref. Ranges
Protein TP	↑ H- 8.08 g/dL	5.31-7.92
Protein ALB	2.54 g/dL	2.34-4.00
Protein GLOB	↑ 5.54 g/dL	2.54-5.20
Protein A/G	0.5	
Liver and gallbladder ALT	11.9 U/L	10.1-100.3
Liver and gallbladder AST	H+ 37.7 U/L	0.0-51.7
Liver and gallbladder AST/ALT	3.17	
Liver and gallbladder ALP	165.0 U/L	15.5-212.0
Liver and gallbladder GGT	5.1 U/L	0.0-15.9
Liver and gallbladder TBIL	H- <0.10 mg/dL	0.00-0.88
Liver and gallbladder TBA	8.7 μmol/L	0.0-30.0
Pancreas AMY	963.7 U/L	397.7-1285.1
Kidneys BUN	10.26 mg/dL	7.02-27.45
Kidneys CREA	0.39 mg/dL	0.23-1.40
Kidneys BUN/CREA	26.2	
Cardiovasc./Muscle CK	H+ 109.5 U/L	66.4-257.5
Cardiovasc./Muscle LDH	↑ H+ 314.9 U/L	0.0-143.6
Energy metabolism GLU	68.9 mg/dL	68.5-135.2
Energy metabolism TC	↑ H+ 428.7 mg/dL	103.2-324.1
Energy metabolism TG	↑ 187.4 mg/dL	8.9-115.1
Minerals Ca	↓ 8.02 mg/dL	8.40-11.88
Minerals PHOS	H+ 3.06 mg/dL	2.48-6.81
Minerals CaxP	1.98 mmol/L ²	
Minerals Mg	H+ 1.89 mg/dL	1.29-2.58
Electrolytes Na+	140.8 mmol/L	138.0-160.0
Electrolytes K+	H+ 4.2 mmol/L	3.5-5.9
Electrolytes Na/K	33.2	
Electrolytes Cl-	↓ 101.0 mmol/L	102.7-125.0

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 3+ LIP(Lipemia degree): 0 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: 2026-04-10 09:53:19



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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.

LDH



Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.

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.

TG



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, etc.

Ca



Increase is commonly associated with hypoadrenocorticism, lymphoma, and nephropathy, etc. Reduction is commonly associated with low calcium diet, hypoalbuminemia, nephropathy, and vitamin D deficiency, etc.

Cl-



Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, diuretic therapy, 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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