

Biochemistry test report



Patient: Stark Species: Canine Patient ID: 260303001
 Client: Rayet Delos Santos Gender: Male Sample No.: 0000001
 Doctor: Age: 1Y Time of analysis: 2026/03/03 13:53

Item	Current result	Ref. Ranges
Protein TP ↓ 4.78 g/dL	5.31-7.92	
Protein ALB ↓ 1.64 g/dL	2.34-4.00	
Protein GLOB 3.14 g/dL	2.54-5.20	
Protein A/G 0.5		
Liver and gallbladder ALT 94.2 U/L	10.1-100.3	
Liver and gallbladder AST 45.5 U/L	0.0-51.7	
Liver and gallbladder AST/ALT 0.48		
Liver and gallbladder ALP 81.0 U/L	15.5-212.0	
Liver and gallbladder GGT 2.7 U/L	0.0-15.9	
Liver and gallbladder TBIL <0.10 mg/dL	0.00-0.88	
Liver and gallbladder TBA 6.5 μmol/L	0.0-30.0	
Pancreas AMY 1020.8 U/L	397.7-1285.1	
Kidneys BUN 18.26 mg/dL	7.02-27.45	
Kidneys CREA 0.61 mg/dL	0.23-1.40	
Kidneys BUN/CREA 29.7		
Cardiovasc./Muscle CK 179.9 U/L	66.4-257.5	
Cardiovasc./Muscle LDH ↑ 171.3 U/L	0.0-143.6	
Energy metabolism GLU 133.5 mg/dL	68.5-135.2	
Energy metabolism TC ↓ 89.2 mg/dL	103.2-324.1	
Energy metabolism TG 58.6 mg/dL	8.9-115.1	
Minerals Ca ↓ 7.71 mg/dL	8.40-11.88	
Minerals PHOS 3.94 mg/dL	2.48-6.81	
Minerals CaxP 2.45 mmol/L^2		
Minerals Mg 1.61 mg/dL	1.29-2.58	
Electrolytes Na+ 147.5 mmol/L	138.0-160.0	
Electrolytes K+ 4.3 mmol/L	3.5-5.9	
Electrolytes Na/K 34.4		
Electrolytes Cl- 109.6 mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0 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: 2026-03-03 18:39:59



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Report Explan.

ALB



Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.

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.

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.

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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