

Biochemistry test report



Patient: Vico Species: Canine Patient ID: 260330003
 Client: Guila Vallejos Gender: Male Sample No.: 0000003
 Doctor: Age: 6Y Time of analysis: 2026/03/30 13:54

Item	Current result	Ref. Ranges
Protein TP ↑ 8.96 g/dL	5.31-7.92	
Protein ALB 2.49 g/dL	2.34-4.00	
Protein GLOB ↑ 6.47 g/dL	2.54-5.20	
Protein A/G 0.4		
Liver and gallbladder ALT ↓ 8.3 U/L	10.1-100.3	
Liver and gallbladder AST 27.6 U/L	0.0-51.7	
Liver and gallbladder AST/ALT 3.33		
Liver and gallbladder ALP 40.5 U/L	15.5-212.0	
Liver and gallbladder GGT 2.0 U/L	0.0-15.9	
Liver and gallbladder TBIL 0.20 mg/dL	0.00-0.88	
Liver and gallbladder TBA 2.2 μmol/L	0.0-30.0	
Pancreas AMY ↑ 1955.7 U/L	397.7-1285.1	
Kidneys BUN ↑ 29.05 mg/dL	7.02-27.45	
Kidneys CREA ↑ 1.51 mg/dL	0.23-1.40	
Kidneys BUN/CREA 19.1		
Cardiovasc./Muscle CK 143.7 U/L	66.4-257.5	
Cardiovasc./Muscle LDH 140.8 U/L	0.0-143.6	
Energy metabolism GLU 68.5 mg/dL	68.5-135.2	
Energy metabolism TC 219.2 mg/dL	103.2-324.1	
Energy metabolism TG 59.7 mg/dL	8.9-115.1	
Minerals Ca 9.48 mg/dL	8.40-11.88	
Minerals PHOS 4.37 mg/dL	2.48-6.81	
Minerals CaxP 3.35 mmol/L^2		
Minerals Mg 1.80 mg/dL	1.29-2.58	
Electrolytes Na+ 141.2 mmol/L	138.0-160.0	
Electrolytes K+ 4.3 mmol/L	3.5-5.9	
Electrolytes Na/K 32.6		
Electrolytes Cl- ↓ 102.4 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: 2026-03-30 13:57:01



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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.
AMY	↑	Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, 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.
CREA	↑	Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, 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.
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