

Biochemistry test report



Patient: GROOT Species: Canine Patient ID: 260415005
 Client: TIONGCO Gender: Male Sample No.: 05
 Doctor: Age: 9Y Time of analysis: 2026/04/15 13:44

Item	Current result	Ref. Ranges
Protein TP	73.2 g/L	53.1-79.2
Protein ALB	28.1 g/L	23.4-40.0
Protein GLOB	45.0 g/L	25.4-52.0
Protein A/G	0.6	
Liver and gallbladder ALT	26.1 U/L	10.1-100.3
Liver and gallbladder AST	42.0 U/L	0.0-51.7
Liver and gallbladder AST/ALT	1.61	
Liver and gallbladder ALP	93.7 U/L	15.5-212.0
Liver and gallbladder GGT	<2.0 U/L	0.0-15.9
Liver and gallbladder TBIL	1.86 μmol/L	0.00-15.00
Liver and gallbladder TBA	3.2 μmol/L	0.0-30.0
Pancreas AMY	502.0 U/L	397.7-1285.1
Kidneys BUN	4.15 mmol/L	2.50-9.77
Kidneys CREA	73.00 μmol/L	20.00-123.70
Kidneys BUN/CREA	14.1	
Cardiovas./Muscle CK	↓ 52.6 U/L	66.4-257.5
Cardiovas./Muscle LDH	52.4 U/L	0.0-143.6
Energy metabolism GLU	5.67 mmol/L	3.80-7.50
Energy metabolism TC	↑ 8.62 mmol/L	2.67-8.38
Energy metabolism TG	0.94 mmol/L	0.10-1.30
Minerals Ca	2.24 mmol/L	2.10-2.97
Minerals PHOS	1.10 mmol/L	0.80-2.20
Minerals CaxP	2.47 mmol/L ²	
Minerals Mg	0.67 mmol/L	0.53-1.06
Electrolytes Na+	145.2 mmol/L	138.0-160.0
Electrolytes K+	5.1 mmol/L	3.5-5.9
Electrolytes Na/K	28.3	
Electrolytes Cl-	↓ 85.1 mmol/L	102.7-125.0

Operator:

Comprehensive Diagnosis Panel

QC QC Fail

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 0 ICT(Jaundice degree): 0



Report Explan.

CK ↓

Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-04-15 14:33:35



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Report Explan.

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.

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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