



Biochemistry test report

Patient: Ginger Species: Canine Patient ID: 260308001
 Client: Veronica Paras Gender: Female Sample No.: 0000001
 Doctor: Age: 3Y Time of analysis: 2026/03/08 10:25

Item	Current result	Ref. Ranges
Protein TP	6.91 g/dL	5.31-7.92
Protein ALB	2.02 g/dL	2.34-4.00
Protein GLOB	4.89 g/dL	2.54-5.20
Protein A/G	0.4	
Liver and gallbladder ALT	33.6 U/L	10.1-100.3
Liver and gallbladder AST	69.0 U/L	0.0-51.7
Liver and gallbladder AST/ALT	2.05	
Liver and gallbladder ALP	438.8 U/L	15.5-212.0
Liver and gallbladder GGT	5.7 U/L	0.0-15.9
Liver and gallbladder TBIL	<0.10 mg/dL	0.00-0.88
Liver and gallbladder TBA	2.1 μmol/L	0.0-30.0
Pancreas AMY	2389.0 U/L	397.7-1285.1
Kidneys BUN	19.33 mg/dL	7.02-27.45
Kidneys CREA	0.72 mg/dL	0.23-1.40
Kidneys BUN/CREA	26.6	
Cardiovasc./Muscle CK	198.8 U/L	66.4-257.5
Cardiovasc./Muscle LDH	222.1 U/L	0.0-143.6
Energy metabolism GLU	31.7 mg/dL	68.5-135.2
Energy metabolism TC	166.8 mg/dL	103.2-324.1
Energy metabolism TG	94.3 mg/dL	8.9-115.1
Minerals Ca	8.00 mg/dL	8.40-11.88
Minerals PHOS	2.53 mg/dL	2.48-6.81
Minerals CaxP	1.64 mmol/L ²	
Minerals Mg	2.16 mg/dL	1.29-2.58
Electrolytes Na+	145.0 mmol/L	138.0-160.0
Electrolytes K+	4.5 mmol/L	3.5-5.9
Electrolytes Na/K	32.4	
Electrolytes Cl-	106.8 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.

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.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-03-08 10:53:55



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Report Explan.

AST	↑	Increase is commonly associated with liver injury and muscle injury, etc.
ALP	↑	Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.
AMY	↑	Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.
LDH	↑	Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.
GLU	↓	Increase is commonly associated with diabetes and hypercorticalismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, 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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