



Biochemistry test report

Patient: Aleria Species: Canine Patient ID: 260405002
 Client: Ruthsan Bauzon Gender: Female Sample No.: 0000002
 Doctor: Age: Elderly 11Y Time of analysis: 2026/04/05 15:17

Item	Current result	Ref. Ranges
Protein TP	6.12 g/dL	5.31-7.92
Protein ALB	1.93 g/dL	2.34-4.00
Protein GLOB	4.19 g/dL	2.54-5.20
Protein A/G	0.5	
Liver and gallbladder ALT	49.0 U/L	10.1-100.3
Liver and gallbladder AST	115.5 U/L	0.0-51.7
Liver and gallbladder AST/ALT	2.36	
Liver and gallbladder ALP	117.9 U/L	15.5-212.0
Liver and gallbladder GGT	8.6 U/L	0.0-15.9
Liver and gallbladder TBIL	0.19 mg/dL	0.00-0.88
Liver and gallbladder TBA	1.9 μmol/L	0.0-30.0
Pancreas AMY	1518.8 U/L	397.7-1285.1
Kidneys BUN	130.97 mg/dL	7.02-27.45
Kidneys CREA	6.45 mg/dL	0.23-1.40
Kidneys BUN/CREA	20.2	
Cardiovasc./Muscle CK	598.1 U/L	66.4-257.5
Cardiovasc./Muscle LDH	320.9 U/L	0.0-143.6
Energy metabolism GLU	68.2 mg/dL	68.5-135.2
Energy metabolism TC	266.6 mg/dL	103.2-324.1
Energy metabolism TG	132.1 mg/dL	8.9-115.1
Minerals Ca	10.62 mg/dL	8.40-11.88
Minerals PHOS	9.62 mg/dL	2.48-6.81
Minerals CaxP	8.24 mmol/L ²	
Minerals Mg	2.49 mg/dL	1.29-2.58
Electrolytes Na+	150.7 mmol/L	138.0-160.0
Electrolytes K+	4.9 mmol/L	3.5-5.9
Electrolytes Na/K	30.5	
Electrolytes Cl-	113.3 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 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.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-04-05 18:03:33



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Client:	Ruthsan Bauzon	Gender:	Female	Sample No.:	0000002
Doctor:		Age:	Elderly 11Y	Time of analysis:	2026/04/05 15:17

Report Explan.		
AST	↑	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.
CK	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, 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 hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.
TG	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, etc.
PHOS	↑	Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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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