

Biochemistry test report



Patient: Chico Species: Canine Patient ID: 260119006
Client: Arabela Arcinue Gender: Male Sample No.: 0000006
Doctor: Age: 9Y Time of analysis: 2026/01/19 13:02

Item		Current result		Ref. Ranges	
Protein	TP	↓	5.05	g/dL	5.31-7.92
Protein	ALB	↓	2.02	g/dL	2.34-4.00
Protein	GLOB		3.03	g/dL	2.54-5.20
Protein	A/G		0.7		
Liver and gallbladder	ALT		50.5	U/L	10.1-100.3
Liver and gallbladder	AST		29.0	U/L	0.0-51.7
Liver and gallbladder	AST/ALT		0.57		
Liver and gallbladder	ALP		89.1	U/L	15.5-212.0
Liver and gallbladder	GGT		3.0	U/L	0.0-15.9
Liver and gallbladder	TBIL		<0.10	mg/dL	0.00-0.88
Liver and gallbladder	TBA		3.0	μmol/L	0.0-30.0
Pancreas	AMY	↑	1351.0	U/L	397.7-1285.1
Kidneys	BUN	↑	38.59	mg/dL	7.02-27.45
Kidneys	CREA		0.73	mg/dL	0.23-1.40
Kidneys	BUN/CREA		52.8		
Cardiovasc./Muscle	CK	↑	259.0	U/L	66.4-257.5
Cardiovasc./Muscle	LDH	↑	226.9	U/L	0.0-143.6
Energy metabolism	GLU		117.5	mg/dL	68.5-135.2
Energy metabolism	TC		263.2	mg/dL	103.2-324.1
Energy metabolism	TG		96.9	mg/dL	8.9-115.1
Minerals	Ca	↓	8.03	mg/dL	8.40-11.88
Minerals	PHOS		5.23	mg/dL	2.48-6.81
Minerals	CaxP		3.39	mmol/L ²	
Minerals	Mg		1.72	mg/dL	1.29-2.58
Electrolytes	Na+		145.7	mmol/L	138.0-160.0
Electrolytes	K+		5.7	mmol/L	3.5-5.9
Electrolytes	Na/K		25.5		
Electrolytes	Cl-		107.6	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 Expln.

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: 2026-01-19 13:20:43



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Patient:	Chico	Species:	Canine	Patient ID:	260119006
Client:	Arabela Arcinue	Gender:	Male	Sample No.:	0000006
Doctor:		Age:	9Y	Time of analysis:	2026/01/19 13:02



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.

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.

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.

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.
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