

# 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	<b>TP</b>	↓ 5.05 g/dL 5.31-7.92
Protein	<b>ALB</b>	↓ 2.02 g/dL 2.34-4.00
Protein	<b>GLOB</b>	3.03 g/dL 2.54-5.20
Protein	<b>A/G</b>	0.7
Liver and gallbladder	<b>ALT</b>	50.5 U/L 10.1-100.3
Liver and gallbladder	<b>AST</b>	29.0 U/L 0.0-51.7
Liver and gallbladder	<b>AST/ALT</b>	0.57
Liver and gallbladder	<b>ALP</b>	89.1 U/L 15.5-212.0
Liver and gallbladder	<b>GGT</b>	3.0 U/L 0.0-15.9
Liver and gallbladder	<b>TBIL</b>	<0.10 mg/dL 0.00-0.88
Liver and gallbladder	<b>TBA</b>	3.0 μmol/L 0.0-30.0
Pancreas	<b>AMY</b>	↑ 1351.0 U/L 397.7-1285.1
Kidneys	<b>BUN</b>	↑ 38.59 mg/dL 7.02-27.45
Kidneys	<b>CREA</b>	0.73 mg/dL 0.23-1.40
Kidneys	<b>BUN/CREA</b>	52.8
Cardiovasc./Muscle	<b>CK</b>	↑ 259.0 U/L 66.4-257.5
Cardiovasc./Muscle	<b>LDH</b>	↑ 226.9 U/L 0.0-143.6
Energy metabolism	<b>GLU</b>	117.5 mg/dL 68.5-135.2
Energy metabolism	<b>TC</b>	263.2 mg/dL 103.2-324.1
Energy metabolism	<b>TG</b>	96.9 mg/dL 8.9-115.1
Minerals	<b>Ca</b>	↓ 8.03 mg/dL 8.40-11.88
Minerals	<b>PHOS</b>	5.23 mg/dL 2.48-6.81
Minerals	<b>CaxP</b>	3.39 mmol/L <sup>2</sup>
Minerals	<b>Mg</b>	1.72 mg/dL 1.29-2.58
Electrolytes	<b>Na+</b>	145.7 mmol/L 138.0-160.0
Electrolytes	<b>K+</b>	5.7 mmol/L 3.5-5.9
Electrolytes	<b>Na/K</b>	25.5
Electrolytes	<b>Cl-</b>	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 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: 2026/01/19 13:20:43



PET DOCTORS VETERINARY CLINIC  
AND GROOMING CENTER  
Calasiao Pangasinan

Global Pioneer of Comprehensive Animal Medical Solutions

Better healthcare for all - Since 1991

**mindray**  
animal medical

# 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



## Report Explan.

<b>ALB</b>	↓	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.
<b>AMY</b>	↑	Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.
<b>BUN</b>	↑	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.
<b>CK</b>	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.
<b>LDH</b>	↑	Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.
<b>Ca</b>	↓	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.

Test Instrument: Mindray vetXpert C5 Time of Printing: 2026-01-19 13:20:43



PET DOCTORS VETERINARY CLINIC  
AND GROOMING CENTER  
Calasiao Pangasinan

Global Pioneer of Comprehensive Animal Medical Solutions

Better healthcare for all - Since 1991

**mindray**  
animal medical