

# Biochemistry test report



Patient:	Chokoy	Species:	Canine	Patient ID:	260109002
Client:	Adelfa Vikingstad	Gender:	Male	Sample No.:	0000002
Doctor:		Age:	9Y	Time of analysis:	2026/01/09 10:04

Item		Current result		Ref. Ranges	
Protein	TP	↑	9.01	g/dL	5.31-7.92
Protein	ALB	↓	2.13	g/dL	2.34-4.00
Protein	GLOB	↑	6.88	g/dL	2.54-5.20
Protein	A/G		0.3		
Liver and gallbladder	ALT		48.8	U/L	10.1-100.3
Liver and gallbladder	AST		30.0	U/L	0.0-51.7
Liver and gallbladder	AST/ALT		0.61		
Liver and gallbladder	ALP		41.6	U/L	15.5-212.0
Liver and gallbladder	GGT		<2.0	U/L	0.0-15.9
Liver and gallbladder	TBIL		<0.10	mg/dL	0.00-0.88
Liver and gallbladder	TBA	↑	76.0	μmol/L	0.0-30.0
Pancreas	AMY	↑	1547.2	U/L	397.7-1285.1
Kidneys	BUN	↑	69.18	mg/dL	7.02-27.45
Kidneys	CREA	↑	1.56	mg/dL	0.23-1.40
Kidneys	BUN/CREA		44.0		
Cardiovasc./Muscle	CK		119.7	U/L	66.4-257.5
Cardiovasc./Muscle	LDH		118.6	U/L	0.0-143.6
Energy metabolism	GLU		92.1	mg/dL	68.5-135.2
Energy metabolism	TC		245.0	mg/dL	103.2-324.1
Energy metabolism	TG		47.5	mg/dL	8.9-115.1
Minerals	Ca		9.51	mg/dL	8.40-11.88
Minerals	PHOS		4.82	mg/dL	2.48-6.81
Minerals	CaxP		3.70	mmol/L^2	
Minerals	Mg		1.89	mg/dL	1.29-2.58
Electrolytes	Na+		143.5	mmol/L	138.0-160.0
Electrolytes	K+		4.3	mmol/L	3.5-5.9
Electrolytes	Na/K		33.6		
Electrolytes	Cl-		105.1	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
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## Report Explen.

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:2026-01-09 10:13:05



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## 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.

GLOB



Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

TBA



Increase is commonly associated with hepatic insufficiency or failure, portal vein shunt, and cholestasis, etc. Reduction is commonly associated with long-term fasting and intestinal malabsorption, 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.

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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