

# Biochemistry test report



Patient:	Trump	Species:	Canine	Patient ID:	250428173
Client:	Melvin Valdez	Gender:	Male	Sample No.:	0000003
Doctor:		Age stage:	Adult	Time of analysis:	2025/04/28 11:52

Item		Current result		Ref. Ranges	
Protein	TP	↑	8.99	g/dL	5.31-7.92
Protein	ALB		2.44	g/dL	2.34-4.00
Protein	GLOB	↑	6.55	g/dL	2.54-4.40
Protein	A/G		0.4		
Liver and gallbladder	ALT		55.1	U/L	10.1-100.3
Liver and gallbladder	AST		29.9	U/L	21.0-51.7
Liver and gallbladder	AST/ALT		0.54		
Liver and gallbladder	ALP		50.5	U/L	15.5-125.0
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		9.1	μmol/L	0.0-10.0
Pancreas	AMY		1011.9	U/L	397.7-1285.1
Kidneys	BUN		24.30	mg/dL	7.02-27.45
Kidneys	CREA	↑	1.48	mg/dL	0.38-1.40
Kidneys	BUN/CREA		16.4		
Cardiovasc./Muscle	CK		253.1	U/L	66.4-257.5
Cardiovasc./Muscle	LDH		42.1	U/L	36.4-143.6
Energy metabolism	GLU		75.2	mg/dL	68.5-113.3
Energy metabolism	TC		258.9	mg/dL	103.2-324.1
Energy metabolism	TG		68.1	mg/dL	8.9-115.1
Minerals	Ca		9.67	mg/dL	9.20-11.88
Minerals	PHOS		4.22	mg/dL	3.10-6.81
Minerals	CaxP		3.29	mmol/L^2	
Minerals	Mg		1.85	mg/dL	1.73-2.58
Electrolytes	Na+	↓	136.7	mmol/L	141.6-160.0
Electrolytes	K+		5.5	mmol/L	3.5-5.9
Electrolytes	Na/K		25.1		
Electrolytes	Cl-		116.9	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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The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-04-28 11:55:04



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## Report Explan.

**TP**



Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.

**GLOB**



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

**CREA**



Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, etc.

**Na+**



Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, hyperaldosteronism, and severe dehydration, etc. Reduction is commonly associated with hypoadrenocorticism, diuretic therapy, 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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