

# Biochemistry test report



Patient:	Twinkle	Species:	Canine	Patient ID:	250614145
Client:	Melgie Dela Cruz	Gender:	Female	Sample No.:	0000006
Doctor:		Age:	6Y	Time of analysis:	2025/06/14 16:09

Item		Current result		Ref. Ranges	
Protein	TP	6.51	g/dL	5.31-7.92	
Protein	ALB	2.40	g/dL	2.34-4.00	
Protein	GLOB	4.10	g/dL	2.54-5.20	
Protein	A/G	0.6			
Liver and gallbladder	ALT	41.7	U/L	10.1-100.3	
Liver and gallbladder	AST	33.5	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.80			
Liver and gallbladder	ALP	32.3	U/L	15.5-212.0	
Liver and gallbladder	GGT	8.8	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-30.0	
Pancreas	AMY	↑ 2118.8	U/L	397.7-1285.1	
Kidneys	BUN	↑ 103.29	mg/dL	7.02-27.45	
Kidneys	CREA	↑ 2.20	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	46.7			
Cardiovasc./Muscle	CK	↑ 292.0	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	66.0	U/L	0.0-143.6	
Energy metabolism	GLU	82.0	mg/dL	68.5-135.2	
Energy metabolism	TC	235.3	mg/dL	103.2-324.1	
Energy metabolism	TG	50.6	mg/dL	8.9-115.1	
Minerals	Ca	10.65	mg/dL	8.40-11.88	
Minerals	PHOS	2.70	mg/dL	2.48-6.81	
Minerals	CaxP	2.32	mmol/L^2		
Minerals	Mg	1.57	mg/dL	1.48-2.58	
Electrolytes	Na+	145.3	mmol/L	138.0-160.0	
Electrolytes	K+	4.1	mmol/L	3.5-5.9	
Electrolytes	Na/K	35.5			
Electrolytes	Cl-	↑ >135.0	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

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-06-14 16:47:09



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## Report Explan.

**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.

**Cl-**



Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, 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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