

# Biochemistry test report



Patient:	Luna	Species:	Canine	Patient ID:	2507121
Client:	Mary Louise Paragas	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	3Y	Time of analysis:	2025/07/12 09:24

Item		Current result		Ref. Ranges	
Protein	TP	6.53	g/dL	5.31-7.92	
Protein	ALB	2.97	g/dL	2.34-4.00	
Protein	GLOB	3.56	g/dL	2.54-5.20	
Protein	A/G	0.8			
Liver and gallbladder	ALT	26.3	U/L	10.1-100.3	
Liver and gallbladder	AST	18.1	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.69			
Liver and gallbladder	ALP	35.1	U/L	15.5-212.0	
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.19	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	<span>↑</span> 65.6	μmol/L	0.0-30.0	
Pancreas	AMY	494.0	U/L	397.7-1285.1	
Kidneys	BUN	<span>↑</span> 28.64	mg/dL	7.02-27.45	
Kidneys	CREA	0.68	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	41.7			
Cardiovasc./Muscle	CK	74.6	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	38.6	U/L	0.0-143.6	
Energy metabolism	GLU	92.1	mg/dL	68.5-135.2	
Energy metabolism	TC	196.2	mg/dL	103.2-324.1	
Energy metabolism	TG	35.6	mg/dL	8.9-115.1	
Minerals	Ca	9.81	mg/dL	8.40-11.88	
Minerals	PHOS	3.77	mg/dL	2.48-6.81	
Minerals	CaxP	2.99	mmol/L^2		
Minerals	Mg	1.73	mg/dL	1.48-2.58	
Electrolytes	Na+	146.4	mmol/L	138.0-160.0	
Electrolytes	K+	4.6	mmol/L	3.5-5.9	
Electrolytes	Na/K	31.6			
Electrolytes	Cl-	118.1	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

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-07-12 14:17:40



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## Report Explan.

**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.

**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.

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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