Biochemistry test report

Patient:	Bobby	Species:	Canine	Patient ID:	250504273
Client:	Marc Mondala	Gender:	Male	Sample No.:	0000002
Doctor:		Age stage:	Adult	Time of analysis:	2025/05/04 17:24

	Item		Current result		Ref. Ranges	
Protein	**TP**		**6.67**	g/dL	5.31-7.92	
Protein	**ALB**		**2.43**	g/dL	2.34-4.00	
Protein	**GLOB**		**4.25**	g/dL	2.54-4.40	
Protein	**A/G**		**0.6**			
Liver and gallbladder	**ALT**		**23.3**	U/L	10.1-100.3	
Liver and gallbladder	**AST**		**27.8**	U/L	21.0-51.7	
Liver and gallbladder	**AST/ALT**		**1.19**			
Liver and gallbladder	**ALP**		**23.8**	U/L	15.5-125.0	
Liver and gallbladder	**GGT**		**6.8**	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	0.0-10.0	
Pancreas	**AMY**		**831.2**	U/L	397.7-1285.1	
Kidneys	**BUN**	↑	**29.34**	mg/dL	7.02-27.45	
Kidneys	**CREA**		**0.85**	mg/dL	0.38-1.40	
Kidneys	**BUN/CREA**		**34.2**			
Cardiovasc./Muscle	**CK**		**196.0**	U/L	66.4-257.5	
Cardiovasc./Muscle	**LDH**		**74.2**	U/L	36.4-143.6	
Energy metabolism	**GLU**		**78.4**	mg/dL	68.5-113.3	
Energy metabolism	**TC**		**165.0**	mg/dL	103.2-324.1	
Energy metabolism	**TG**		**42.1**	mg/dL	8.9-115.1	
Minerals	**Ca**	↓	**9.17**	mg/dL	9.20-11.88	
Minerals	**PHOS**		**4.14**	mg/dL	3.10-6.81	
Minerals	**CaxP**		**3.06**	mmol/L^2		
Minerals	**Mg**		**1.83**	mg/dL	1.73-2.58	
Electrolytes	**Na+**		**144.1**	mmol/L	141.6-160.0	
Electrolytes	**K+**		**4.5**	mmol/L	3.5-5.9	
Electrolytes	**Na/K**		**31.8**			
Electrolytes	**Cl-**		**120.1**	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:2025-05-04 17:33:25

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Report Explan.

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.
Ca	↓	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.

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