Biochemistry test report

Patient:	TOTOY	Species:	Canine	Patient ID:	117758
Client:	JEASON PULGO	Gender:	Neutered	Sample No.:	01
Doctor:		Age stage:		Time of analysis:	2025/02/27 11:35

	Item		Current result		Ref. Ranges	
Protein	**TP**		**6.45**	g/dL	5.31-7.92	
Protein	**ALB**	↓	**2.04**	g/dL	2.34-4.00	
Protein	**GLOB**		**4.40**	g/dL	2.54-4.40	
Protein	**A/G**		**0.5**			
Liver and gallbladder	**ALT**		**21.7**	U/L	10.1-100.3	
Liver and gallbladder	**AST**		**31.3**	U/L	21.0-51.7	
Liver and gallbladder	**AST/ALT**		**1.44**			
Liver and gallbladder	**ALP**		**60.9**	U/L	15.5-125.0	
Liver and gallbladder	**GGT**		**<2.0**	U/L	0.0-15.9	
Liver and gallbladder	**TBIL**		**<0.10**	mg/dL	0.00-0.88	
Pancreas	**AMY**		**695.8**	U/L	397.7-1285.1	
Kidneys	**BUN**		**8.91**	mg/dL	7.02-27.45	
Kidneys	**CREA**	↓	**0.23**	mg/dL	0.38-1.40	
Kidneys	**BUN/CREA**		**37.8**			
Cardiovasc./Muscle	**CK**		**212.4**	U/L	66.4-257.5	
Cardiovasc./Muscle	**LDH**		**78.3**	U/L	36.4-143.6	
Energy metabolism	**GLU**		**87.0**	mg/dL	68.5-113.3	
Energy metabolism	**TC**		**163.9**	mg/dL	103.2-324.1	
Minerals	**Ca**	↓	**8.42**	mg/dL	9.20-11.88	
Minerals	**PHOS**		**5.52**	mg/dL	3.10-6.81	
Minerals	**CaxP**		**3.75**	mmol/L^2		
Electrolytes	**tCO2**		**18.33**	mmol/L	13.14-25.13	
Electrolytes	**Na+**	↓	**139.9**	mmol/L	141.6-160.0	
Electrolytes	**K+**		**4.3**	mmol/L	3.5-5.9	
Electrolytes	**Na/K**		**32.8**			
Electrolytes	**Cl-**		**116.0**	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:2025-02-27 11:39:01

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