Biochemistry test report

Patient:	Finn	Species:	Canine	Patient ID:	260228001
Client:	Kevin Lim	Gender:	Male	Sample No.:	0000001
Doctor:		Age:		Time of analysis:	2026/02/28 10:44

	Item		Current result		Ref. Ranges	
Protein	**TP**		**6.34**	g/dL	5.31-7.92	
Protein	**ALB**	↓	**2.03**	g/dL	2.34-4.00	
Protein	**GLOB**		**4.30**	g/dL	2.54-5.20	
Protein	**A/G**		**0.5**			
Liver and gallbladder	**ALT**		**28.4**	U/L	10.1-100.3	
Liver and gallbladder	**AST**		**31.8**	U/L	0.0-51.7	
Liver and gallbladder	**AST/ALT**		**1.12**			
Liver and gallbladder	**ALP**		**184.1**	U/L	15.5-212.0	
Liver and gallbladder	**GGT**		**7.5**	U/L	0.0-15.9	
Liver and gallbladder	**TBIL**		**0.11**	mg/dL	0.00-0.88	
Liver and gallbladder	**TBA**		**1.4**	μmol/L	0.0-30.0	
Pancreas	**AMY**		**479.5**	U/L	397.7-1285.1	
Kidneys	**BUN**	↑	**35.89**	mg/dL	7.02-27.45	
Kidneys	**CREA**	↑	**2.39**	mg/dL	0.23-1.40	
Kidneys	**BUN/CREA**		**15.0**			
Cardiovasc./Muscle	**CK**		**108.5**	U/L	66.4-257.5	
Cardiovasc./Muscle	**LDH**	↑	**160.8**	U/L	0.0-143.6	
Energy metabolism	**GLU**	↓	**44.8**	mg/dL	68.5-135.2	
Energy metabolism	**TC**		**233.5**	mg/dL	103.2-324.1	
Energy metabolism	**TG**		**115.1**	mg/dL	8.9-115.1	
Minerals	**Ca**	↓	**8.32**	mg/dL	8.40-11.88	
Minerals	**PHOS**	↑	**7.64**	mg/dL	2.48-6.81	
Minerals	**CaxP**		**5.13**	mmol/L^2		
Minerals	**Mg**		**1.64**	mg/dL	1.29-2.58	
Electrolytes	**Na+**		**145.1**	mmol/L	138.0-160.0	
Electrolytes	**K+**		**4.4**	mmol/L	3.5-5.9	
Electrolytes	**Na/K**		**32.8**			
Electrolytes	**Cl-**		**102.8**	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

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.

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-02-28 11:17:26

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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.
CREA	↑	Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, etc.
LDH	↑	Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.
GLU	↓	Increase is commonly associated with diabetes and hypercorticalismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, 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.
PHOS	↑	Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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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