

Biochemistry test report



Patient:	Coco	Species:	Canine	Patient ID:	2509231
Client:	Eric Sicat	Gender:	Male	Sample No.:	0000001
Doctor:		Age:	6Y	Time of analysis:	2025/09/23 11:24

Item		Current result		Ref. Ranges	
Protein	TP	5.61	g/dL	5.31-7.92	
Protein	ALB	2.44	g/dL	2.34-4.00	
Protein	GLOB	3.16	g/dL	2.54-5.20	
Protein	A/G	0.8			
Liver and gallbladder	ALT	15.7	U/L	10.1-100.3	
Liver and gallbladder	AST	17.4	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	1.11			
Liver and gallbladder	ALP	203.6	U/L	15.5-212.0	
Liver and gallbladder	GGT	3.8	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.15	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-30.0	
Pancreas	AMY	631.4	U/L	397.7-1285.1	
Kidneys	BUN	18.14	mg/dL	7.02-27.45	
Kidneys	CREA	0.58	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	31.1			
Cardiovasc./Muscle	CK	↓ 48.3	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	131.1	U/L	0.0-143.6	
Energy metabolism	GLU	93.5	mg/dL	68.5-135.2	
Energy metabolism	TC	↓ 62.6	mg/dL	103.2-324.1	
Energy metabolism	TG	47.8	mg/dL	8.9-115.1	
Minerals	Ca	↓ 7.71	mg/dL	8.40-11.88	
Minerals	PHOS	4.09	mg/dL	2.48-6.81	
Minerals	CaxP	2.55	mmol/L^2		
Minerals	Mg	1.86	mg/dL	1.29-2.58	
Electrolytes	Na+	140.1	mmol/L	138.0-160.0	
Electrolytes	K+	4.0	mmol/L	3.5-5.9	
Electrolytes	Na/K	35.3			
Electrolytes	Cl-	↓ 96.1	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
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The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-09-23 17:12:49



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Report Explan.

CK



Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.

TC



Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticalismus, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism, 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.

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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