

Biochemistry test report



Patient:	Shadow	Species:	Canine	Patient ID:	2509264
Client:	Maybelle Lynn Nava	Gender:	Male	Sample No.:	0000004
Doctor:		Age:	15Y	Time of analysis:	2025/09/26 11:44

Item		Current result		Ref. Ranges	
Protein	TP	6.19	g/dL	5.31-7.92	
Protein	ALB	↓ 2.18	g/dL	2.34-4.00	
Protein	GLOB	4.02	g/dL	2.54-5.20	
Protein	A/G	0.5			
Liver and gallbladder	ALT	20.0	U/L	10.1-100.3	
Liver and gallbladder	AST	19.6	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.98			
Liver and gallbladder	ALP	↑ 225.5	U/L	15.5-212.0	
Liver and gallbladder	GGT	<2.0	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	967.4	U/L	397.7-1285.1	
Kidneys	BUN	↑ 50.63	mg/dL	7.02-27.45	
Kidneys	CREA	1.08	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	46.8			
Cardiovasc./Muscle	CK	109.6	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	116.0	U/L	0.0-143.6	
Energy metabolism	GLU	108.1	mg/dL	68.5-135.2	
Energy metabolism	TC	131.5	mg/dL	103.2-324.1	
Energy metabolism	TG	32.5	mg/dL	8.9-115.1	
Minerals	Ca	8.94	mg/dL	8.40-11.88	
Minerals	PHOS	3.38	mg/dL	2.48-6.81	
Minerals	CaxP	2.44	mmol/L^2		
Minerals	Mg	2.36	mg/dL	1.29-2.58	
Electrolytes	Na+	159.5	mmol/L	138.0-160.0	
Electrolytes	K+	4.7	mmol/L	3.5-5.9	
Electrolytes	Na/K	34.2			
Electrolytes	Cl-	↑ 128.2	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:2025-09-26 18:38:09



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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.

ALP



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, 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.

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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