

Biochemistry test report



Patient:	ALI	Species:	Canine	Patient ID:	118634
Client:	ANGELES	Gender:	Neutered	Sample No.:	01
Doctor:		Age:		Time of analysis:	2025/06/08 15:56

Item		Current result		Ref. Ranges	
Protein	TP	6.43	g/dL	5.31-7.92	
Protein	ALB	2.39	g/dL	2.34-4.00	
Protein	GLOB	4.04	g/dL	2.54-5.20	
Protein	A/G	0.6			
Liver and gallbladder	ALT	32.4	U/L	10.1-100.3	
Liver and gallbladder	AST	22.4	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.69			
Liver and gallbladder	ALP	46.5	U/L	15.5-212.0	
Liver and gallbladder	GGT	4.2	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.31	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-30.0	
Pancreas	AMY	1079.3	U/L	397.7-1285.1	
Kidneys	BUN	10.08	mg/dL	7.02-27.45	
Kidneys	CREA	0.89	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	11.3			
Cardiovasc./Muscle	CK	134.0	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	62.8	U/L	0.0-143.6	
Energy metabolism	GLU	↑ 145.2	mg/dL	68.5-135.2	
Energy metabolism	TC	144.3	mg/dL	103.2-324.1	
Energy metabolism	TG	94.6	mg/dL	8.9-115.1	
Minerals	Ca	8.54	mg/dL	8.40-11.88	
Minerals	PHOS	3.56	mg/dL	2.48-6.81	
Minerals	CaxP	2.46	mmol/L^2		
Minerals	Mg	↓ 1.44	mg/dL	1.48-2.58	
Electrolytes	Na+	↓ 137.4	mmol/L	138.0-160.0	
Electrolytes	K+	4.1	mmol/L	3.5-5.9	
Electrolytes	Na/K	33.2			
Electrolytes	Cl-	108.1	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:2025-06-08 16:00:09



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Report Explan.

GLU



Increase is commonly associated with diabetes and hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.

Mg



Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, 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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