

Biochemistry test report



Patient:	Euna	Species:	Canine	Patient ID:	2507073
Client:	Christie Fernandez	Gender:	Female	Sample No.:	0000004
Doctor:		Age:	8M	Time of analysis:	2025/07/07 17:50

Item		Current result		Ref. Ranges	
Protein	TP	↓ 4.72	g/dL	5.31-7.92	
Protein	ALB	↓ 1.78	g/dL	2.34-4.00	
Protein	GLOB	2.94	g/dL	2.54-5.20	
Protein	A/G	0.6			
Liver and gallbladder	ALT	↓ 8.6	U/L	10.1-100.3	
Liver and gallbladder	AST	22.0	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	2.57			
Liver and gallbladder	ALP	44.2	U/L	15.5-212.0	
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	2.7	μmol/L	0.0-30.0	
Pancreas	AMY	535.9	U/L	397.7-1285.1	
Kidneys	BUN	21.68	mg/dL	7.02-27.45	
Kidneys	CREA	0.46	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	47.0			
Cardiovasc./Muscle	CK	217.4	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	H+ 63.3	U/L	0.0-143.6	
Energy metabolism	GLU	92.4	mg/dL	68.5-135.2	
Energy metabolism	TC	126.6	mg/dL	103.2-324.1	
Energy metabolism	TG	60.9	mg/dL	8.9-115.1	
Minerals	Ca	↓ 7.85	mg/dL	8.40-11.88	
Minerals	PHOS	4.62	mg/dL	2.48-6.81	
Minerals	CaxP	2.93	mmol/L^2		
Minerals	Mg	1.60	mg/dL	1.48-2.58	
Electrolytes	Na+	↓ 130.4	mmol/L	138.0-160.0	
Electrolytes	K+	3.8	mmol/L	3.5-5.9	
Electrolytes	Na/K	33.9			
Electrolytes	Cl-	↓ 93.9	mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree):	1+	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: 2025-07-07 17:57:55



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Report Explan.

TP



Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.

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.

ALT



Increase is commonly associated with liver injury and muscle injury, 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.

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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