

Biochemistry test report



Patient:	olga	Species:	Canine	Patient ID:	
Client:		Gender:	Female	Sample No.:	05
Doctor:		Age:		Time of analysis:	2025/11/10 21:26

Item		Current result		Ref. Ranges	
Protein	TP	↑	95.2	g/L	53.1-79.2
Protein	ALB		26.1	g/L	23.4-40.0
Protein	GLOB	↑	69.0	g/L	25.4-52.0
Protein	A/G		0.4		
Liver and gallbladder	ALT		27.9	U/L	10.1-100.3
Liver and gallbladder	AST		30.0	U/L	0.0-51.7
Liver and gallbladder	AST/ALT		1.07		
Liver and gallbladder	ALP		43.7	U/L	15.5-212.0
Liver and gallbladder	GGT		<2.0	U/L	0.0-15.9
Liver and gallbladder	TBIL		4.04	μmol/L	0.00-15.00
Liver and gallbladder	TBA		<1.0	μmol/L	0.0-30.0
Pancreas	AMY	↑	1561.1	U/L	397.7-1285.1
Kidneys	BUN		4.05	mmol/L	2.50-9.77
Kidneys	CREA		52.10	μmol/L	20.00-123.70
Kidneys	BUN/CREA		19.2		
Cardiovasc./Muscle	CK		123.5	U/L	66.4-257.5
Cardiovasc./Muscle	LDH		26.4	U/L	0.0-143.6
Energy metabolism	GLU		4.63	mmol/L	3.80-7.50
Energy metabolism	TC		3.28	mmol/L	2.67-8.38
Energy metabolism	TG		0.44	mmol/L	0.10-1.30
Minerals	Ca		2.34	mmol/L	2.10-2.97
Minerals	PHOS		0.90	mmol/L	0.80-2.20
Minerals	CaxP		2.10	mmol/L^2	
Minerals	Mg		0.58	mmol/L	0.53-1.06
Electrolytes	Na+	↓	130.4	mmol/L	138.0-160.0
Electrolytes	K+		3.5	mmol/L	3.5-5.9
Electrolytes	Na/K		37.4		
Electrolytes	Cl-	↓	90.0	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:2025-11-11 11:14:32

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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.

GLOB



Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

AMY



Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, 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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PETVET CENTRAL VETERINARY CLINIC
UPTOWN, CAGAYAN DE ORO CITY
09162359535

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