

Biochemistry test report



Patient:	COOKIE	Species:	Canine	Patient ID:	114825
Client:	TANIA LLUCH	Gender:	Female	Sample No.:	01
Doctor:		Age:	6Y	Time of analysis:	2025/07/22 10:13

Item		Current result		Ref. Ranges	
Protein	TP	↑	8.41	g/dL	5.31-7.92
Protein	ALB		2.35	g/dL	2.34-4.00
Protein	GLOB	↑	6.05	g/dL	2.54-5.20
Protein	A/G		0.4		
Liver and gallbladder	ALT	↑	252.9	U/L	10.1-100.3
Liver and gallbladder	AST	↑	373.6	U/L	0.0-51.7
Liver and gallbladder	AST/ALT		1.48		
Liver and gallbladder	ALP	↑	249.0	U/L	15.5-212.0
Liver and gallbladder	GGT		10.4	U/L	0.0-15.9
Liver and gallbladder	TBIL		<0.10	mg/dL	0.00-0.88
Liver and gallbladder	TBA		<1.0	μmol/L	0.0-30.0
Pancreas	AMY		721.7	U/L	397.7-1285.1
Kidneys	BUN		20.43	mg/dL	7.03-27.45
Kidneys	CREA		0.59	mg/dL	0.23-1.40
Kidneys	BUN/CREA		34.6		
Cardiovasc./Muscle	CK	↑	>2500.0	U/L	66.4-257.5
Cardiovasc./Muscle	LDH	↑ H+	411.5	U/L	0.0-143.6
Energy metabolism	GLU		89.4	mg/dL	68.5-135.2
Energy metabolism	TC		192.6	mg/dL	103.2-324.1
Energy metabolism	TG		62.0	mg/dL	8.9-115.1
Minerals	Ca		8.56	mg/dL	8.40-11.88
Minerals	PHOS		5.73	mg/dL	2.48-6.81
Minerals	CaxP		3.96	mmol/L^2	
Minerals	Mg	↑	2.62	mg/dL	1.48-2.58
Electrolytes	Na+		147.2	mmol/L	138.0-160.0
Electrolytes	K+		4.1	mmol/L	3.5-5.9
Electrolytes	Na/K		36.0		
Electrolytes	Cl-		116.9	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:2025-07-22 10:14:09



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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.

ALT



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

AST



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

ALP



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

CK



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

LDH



Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, 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.

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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