

Biochemistry test report



Patient:	MOLLY	Species:	Canine	Patient ID:	260622006
Client:	JABIGUERO	Gender:	Female	Sample No.:	06
Doctor:		Age:		Time of analysis:	2026/06/22 18:21

Item		Current result		Ref. Ranges	
Protein	TP	↑	82.5	g/L	52.0-82.0
Protein	ALB		31.3	g/L	21.0-40.0
Protein	GLOB		51.2	g/L	25.4-52.0
Protein	A/G		0.6		
Liver and gallbladder	ALT		56.0	U/L	10.1-100.3
Liver and gallbladder	AST	↑	243.5	U/L	0.0-51.7
Liver and gallbladder	AST/ALT		4.35		
Liver and gallbladder	ALP		136.1	U/L	15.5-212.0
Liver and gallbladder	GGT		5.7	U/L	0.0-15.9
Liver and gallbladder	TBIL		<1.70	μmol/L	0.00-15.00
Liver and gallbladder	TBA		18.9	μmol/L	0.0-30.0
Pancreas	AMY		708.3	U/L	397.7-1285.1
Pancreas	LIPA-D		61.4	U/L	0.0-100.0
Kidneys	BUN	↑	10.57	mmol/L	2.50-9.77
Kidneys	CREA		65.00	μmol/L	20.00-123.70
Kidneys	BUN/CREA		40.2		
Cardiovasc./Muscle	CK	↑	>2500.0	U/L	66.4-257.5
Cardiovasc./Muscle	LDH	↑	457.8	U/L	0.0-143.6
Energy metabolism	GLU		5.04	mmol/L	3.80-7.50
Energy metabolism	TC		3.60	mmol/L	2.67-8.38
Energy metabolism	TG		0.83	mmol/L	0.10-1.30
Minerals	Ca	↓	1.19	mmol/L	2.10-2.97
Minerals	PHOS		0.82	mmol/L	0.70-2.20
Minerals	CaxP		0.97	(mmol/L) ²	
Minerals	Mg	↓	0.51	mmol/L	0.53-1.06
Electrolytes	Na+		159.8	mmol/L	138.0-160.0
Electrolytes	K+		5.0	mmol/L	3.5-5.9
Electrolytes	Na/K		31.9		
Electrolytes	Cl-		111.9	mmol/L	100.7-125.0

LIPA-D: 0.0-100.0 U/L Negative 100.0-200.0 U/L Suspected >200.0 U/L Positive

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:2026-06-22 18:21:51



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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.

AST



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

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.

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.

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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