

# Biochemistry test report



Patient:	MOLLY	Species:	Canine	Patient ID:	118540
Client:	EMANEL	Gender:	Female	Sample No.:	03
Doctor:		Age stage:		Time of analysis:	2025/05/25 15:24

	Item	Current result		Ref. Ranges	
Protein	TP	↑ 7.97	g/dL	5.31-7.92	
Protein	ALB	2.84	g/dL	2.34-4.00	
Protein	GLOB	5.13	g/dL	2.54-5.20	
Protein	A/G	0.6			
Liver and gallbladder	ALT	↑ 1358.6	U/L	10.1-100.3	
Liver and gallbladder	ALP	↑ 541.1	U/L	15.5-212.0	
Liver and gallbladder	GGT	↑ 16.9	U/L	0.0-15.9	
Liver and gallbladder	TBIL	↑ 1.02	mg/dL	0.00-0.88	
Pancreas	AMY	↓ 367.6	U/L	397.7-1285.1	
Kidneys	BUN	11.64	mg/dL	7.02-27.45	
Kidneys	CREA	0.69	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	16.8			
Cardiovasc./Muscle	CK	↑ 383.4	U/L	66.4-257.5	
Energy metabolism	GLU	↓ 24.2	mg/dL	68.5-135.2	
Energy metabolism	TC	↓ 101.1	mg/dL	103.2-324.1	
Energy metabolism	TG	87.5	mg/dL	8.9-115.1	
Minerals	Ca	8.74	mg/dL	8.40-11.88	
Minerals	PHOS	4.20	mg/dL	2.48-6.81	
Minerals	CaxP	2.97	mmol/L <sup>2</sup>		

Operator:

Diagnosis/Health Checking Panel

QC QC OK

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 0 ICT(Jaundice degree): 0



## 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.

ALT ↑

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.

GGT ↑

Elevated is commonly associated with bile duct injury or cholestasis, etc.

TBIL ↑

Increase is commonly associated with hemolysis and hepatobiliary dysfunction. Reduction is commonly associated with decreased erythropoiesis, etc.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-05-25 15:26:42



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## Report Explain.

AMY	↓	Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.
CK	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.
GLU	↓	Increase is commonly associated with diabetes and hypercorticalismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.
TC	↓	Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticalismus, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism,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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