

Biochemistry test report



Patient:	Lowla	Species:	Canine	Patient ID:	2511041
Client:	Mary Grace Ang	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	5Y	Time of analysis:	2025/11/04 08:54

Item		Current result		Ref. Ranges	
Protein	TP	↓	4.35	g/dL	5.31-7.92
Protein	ALB	↓	1.29	g/dL	2.34-4.00
Protein	GLOB		3.06	g/dL	2.54-5.20
Protein	A/G		0.4		
Liver and gallbladder	ALT		38.3	U/L	10.1-100.3
Liver and gallbladder	AST		25.0	U/L	0.0-51.7
Liver and gallbladder	AST/ALT		0.65		
Liver and gallbladder	ALP	↑	1192.4	U/L	15.5-212.0
Liver and gallbladder	GGT	↑	69.2	U/L	0.0-15.9
Liver and gallbladder	TBIL	↑	2.79	mg/dL	0.00-0.88
Liver and gallbladder	TBA		4.5	μmol/L	0.0-30.0
Pancreas	AMY	↓	305.4	U/L	397.7-1285.1
Kidneys	BUN		15.39	mg/dL	7.02-27.45
Kidneys	CREA		0.72	mg/dL	0.23-1.40
Kidneys	BUN/CREA		21.2		
Cardiovasc./Muscle	CK		71.2	U/L	66.4-257.5
Cardiovasc./Muscle	LDH		68.2	U/L	0.0-143.6
Energy metabolism	GLU		108.0	mg/dL	68.5-135.2
Energy metabolism	TC		274.0	mg/dL	103.2-324.1
Energy metabolism	TG		55.3	mg/dL	8.9-115.1
Minerals	Ca	↓	7.13	mg/dL	8.40-11.88
Minerals	PHOS		3.08	mg/dL	2.48-6.81
Minerals	CaxP		1.77	mmol/L^2	
Minerals	Mg		1.71	mg/dL	1.29-2.58
Electrolytes	Na+		147.0	mmol/L	138.0-160.0
Electrolytes	K+		4.4	mmol/L	3.5-5.9
Electrolytes	Na/K		33.4		
Electrolytes	Cl-		116.3	mmol/L	102.7-125.0

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0	ICT(Jaundice degree):	1+
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The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-11-04 09:15:23



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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.

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.

AMY



Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, 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.

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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