

Biochemistry test report



Patient:	POGI	Species:	Canine	Patient ID:	101828
Client:	MARY JANE LEONARD	Gender:	Male	Sample No.:	02
Doctor:		Age:		Time of analysis:	2025/07/30 09:01

Item		Current result		Ref. Ranges	
Protein	TP	↑	9.26	g/dL	5.31-7.92
Protein	ALB	↓	2.25	g/dL	2.34-4.00
Protein	GLOB	↑	7.01	g/dL	2.54-5.20
Protein	A/G		0.3		
Liver and gallbladder	ALT		83.3	U/L	10.1-100.3
Liver and gallbladder	AST	↑	77.4	U/L	0.0-51.7
Liver and gallbladder	AST/ALT		0.93		
Liver and gallbladder	ALP	↑	283.3	U/L	15.5-212.0
Liver and gallbladder	GGT		<2.0	U/L	0.0-15.9
Liver and gallbladder	TBIL		0.31	mg/dL	0.00-0.88
Liver and gallbladder	TBA		4.9	μmol/L	0.0-30.0
Kidneys	BUN		26.10	mg/dL	7.03-27.45
Energy metabolism	GLU	↓	64.3	mg/dL	68.5-135.2
Energy metabolism	TC		213.5	mg/dL	103.2-324.1

Operator:

Liver Recheck 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.
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.
GLOB ↑	Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.
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.
GLU ↓	Increase is commonly associated with diabetes and hypercorticalismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, 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.
The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5 Time of Printing: 2025-07-30 09:06:04



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