Biochemistry test report

Patient: Bruce	Species: Canine	Patient ID: 2505051
Client: Lea Fajardo	Gender: Male	Sample No.: 0000002
Doctor:	Age stage: Adult	Time of analysis: 2025/05/05 10:41

	Item		Current result		Ref. Ranges	
Protein	TP		7.05	g/dL	5.31-7.92	
Protein	ALB		2.44	g/dL	2.34-4.00	
Protein	GLOB	↑	4.61	g/dL	2.54-4.40	
Protein	A/G		0.5			
Liver and gallbladder	ALT		31.4	U/L	10.1-100.3	
Liver and gallbladder	AST	↓	16.0	U/L	21.0-51.7	
Liver and gallbladder	AST/ALT		0.51			
Liver and gallbladder	ALP	↑	477.0	U/L	15.5-125.0	
Liver and gallbladder	GGT		4.2	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	0.0-10.0	
Pancreas	AMY		413.2	U/L	397.7-1285.1	
Kidneys	BUN		17.60	mg/dL	7.02-27.45	
Kidneys	CREA		0.82	mg/dL	0.38-1.40	
Kidneys	BUN/CREA		21.2			
Cardiovasc./Muscle	CK	↓	42.7	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↓	32.9	U/L	36.4-143.6	
Energy metabolism	GLU		99.3	mg/dL	68.5-113.3	
Energy metabolism	TC		196.4	mg/dL	103.2-324.1	
Energy metabolism	TG	↑	208.1	mg/dL	8.9-115.1	
Minerals	Ca		9.65	mg/dL	9.20-11.88	
Minerals	PHOS		3.50	mg/dL	3.10-6.81	
Minerals	CaxP		2.72	mmol/L^2		
Minerals	Mg		1.74	mg/dL	1.73-2.58	
Electrolytes	Na+		151.8	mmol/L	141.6-160.0	
Electrolytes	K+		5.0	mmol/L	3.5-5.9	
Electrolytes	Na/K		30.5			
Electrolytes	Cl-		113.9	mmol/L	102.7-125.0	

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:2025-05-05 11:23:02

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📄 Report Explan.

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.
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.
TG	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticalismus, 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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