

Biochemistry test report



Patient:	JAZZY	Species:	Canine	Patient ID:	110380
Client:	MELLY ANN QUIBLAT	Gender:	Female	Sample No.:	01
Doctor:		Age:	6Y	Time of analysis:	2025/05/31 12:31

Item		Current result		Ref. Ranges	
Protein	TP	7.86	g/dL	5.31-7.92	
Protein	ALB	2.94	g/dL	2.34-4.00	
Protein	GLOB	4.93	g/dL	2.54-5.20	
Protein	A/G	0.6			
Liver and gallbladder	ALT	97.4	U/L	10.1-100.3	
Liver and gallbladder	AST	17.9	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.18			
Liver and gallbladder	ALP	↑ 449.6	U/L	15.5-212.0	
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	1.7	μmol/L	0.0-30.0	
Pancreas	AMY	756.4	U/L	397.7-1285.1	
Kidneys	BUN	↑ 39.17	mg/dL	7.03-27.45	
Kidneys	CREA	1.02	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	38.1			
Cardiovasc./Muscle	CK	↓ 40.9	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	70.2	U/L	0.0-143.6	
Energy metabolism	GLU	↑ 137.5	mg/dL	68.5-135.2	
Energy metabolism	TC	↑ 417.2	mg/dL	103.2-324.1	
Energy metabolism	TG	↑ 217.0	mg/dL	8.9-115.1	
Minerals	Ca	9.72	mg/dL	8.40-11.88	
Minerals	PHOS	↓ 2.42	mg/dL	2.48-6.81	
Minerals	CaxP	1.91	mmol/L^2		
Minerals	Mg	2.11	mg/dL	1.48-2.58	
Electrolytes	Na+	146.8	mmol/L	138.0-160.0	
Electrolytes	K+	3.9	mmol/L	3.5-5.9	
Electrolytes	Na/K	37.3			
Electrolytes	Cl-	115.8	mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 1+ ICT(Jaundice degree): 0

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-05-31 12:36:15



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Report Explan.

ALP



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, 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.

GLU



Increase is commonly associated with diabetes and hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.

TC



Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticism, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism, etc.

TG



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, etc.

PHOS



Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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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