

Biochemistry test report



Patient:	Magie	Species:	Canine	Patient ID:	2511143
Client:	Julienne Ang	Gender:	Female	Sample No.:	0000002
Doctor:		Age:	Adult 5Y	Time of analysis:	2025/11/14 14:36

Item		Current result		Ref. Ranges	
Protein	TP	6.06	g/dL	5.31-7.92	
Protein	ALB	↓ 2.06	g/dL	2.34-4.00	
Protein	GLOB	4.00	g/dL	2.54-5.20	
Protein	A/G	0.5			
Liver and gallbladder	ALT	54.4	U/L	10.1-100.3	
Liver and gallbladder	AST	↑ 75.5	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	1.39			
Liver and gallbladder	ALP	46.7	U/L	15.5-212.0	
Liver and gallbladder	GGT	6.7	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	2.1	μmol/L	0.0-30.0	
Pancreas	AMY	882.9	U/L	397.7-1285.1	
Kidneys	BUN	↑ 147.40	mg/dL	7.02-27.45	
Kidneys	CREA	↑ 4.12	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	35.6			
Cardiovasc./Muscle	CK	245.4	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↑ 202.4	U/L	0.0-143.6	
Energy metabolism	GLU	120.2	mg/dL	68.5-135.2	
Energy metabolism	TC	203.5	mg/dL	103.2-324.1	
Energy metabolism	TG	71.2	mg/dL	8.9-115.1	
Minerals	Ca	9.87	mg/dL	8.40-11.88	
Minerals	PHOS	↑ 8.29	mg/dL	2.48-6.81	
Minerals	CaxP	6.61	mmol/L^2		
Minerals	Mg	2.47	mg/dL	1.29-2.58	
Electrolytes	Na+	142.0	mmol/L	138.0-160.0	
Electrolytes	K+	3.8	mmol/L	3.5-5.9	
Electrolytes	Na/K	37.2			
Electrolytes	Cl-	119.5	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
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The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-11-14 18:55:02



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Report Explan.

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.

AST



Increase is commonly associated with liver injury and muscle injury, 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.

CREA



Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, etc.

LDH



Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, 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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