

Biochemistry test report



Patient:	MILEY	Species:	Canine	Patient ID:	116406
Client:	DRESSER	Gender:	Female	Sample No.:	03
Doctor:		Age:		Time of analysis:	2025/08/01 18:59

Item		Current result		Ref. Ranges	
Protein	TP	6.56	g/dL	5.31-7.92	
Protein	ALB	↓ 2.11	g/dL	2.34-4.00	
Protein	GLOB	4.44	g/dL	2.54-5.20	
Protein	A/G	0.5			
Liver and gallbladder	ALT	18.3	U/L	10.1-100.3	
Liver and gallbladder	AST	23.1	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	1.26			
Liver and gallbladder	ALP	55.5	U/L	15.5-212.0	
Liver and gallbladder	GGT	5.5	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.19	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	2.1	μmol/L	0.0-30.0	
Pancreas	AMY	↑ 1336.2	U/L	397.7-1285.1	
Kidneys	BUN	↑ 91.37	mg/dL	7.02-27.45	
Kidneys	CREA	↑ 2.57	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	35.4			
Cardiovasc./Muscle	CK	112.1	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	63.5	U/L	0.0-143.6	
Energy metabolism	GLU	93.1	mg/dL	68.5-135.2	
Energy metabolism	TC	172.2	mg/dL	103.2-324.1	
Energy metabolism	TG	53.5	mg/dL	8.9-115.1	
Minerals	Ca	8.49	mg/dL	8.40-11.88	
Minerals	PHOS	4.92	mg/dL	2.48-6.81	
Minerals	CaxP	3.37	mmol/L^2		
Minerals	Mg	1.95	mg/dL	1.48-2.58	
Electrolytes	Na+	138.8	mmol/L	138.0-160.0	
Electrolytes	K+	3.9	mmol/L	3.5-5.9	
Electrolytes	Na/K	35.5			
Electrolytes	Cl-	↑ 131.6	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:2025-08-01 19:03:22



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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.

AMY



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

Cl-



Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, diuretic therapy, 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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