

Biochemistry test report



Patient: Cookie Species: Canine Patient ID: 2511281
Client: Fritz Caranay Gender: Female Sample No.: 0000001
Doctor: Age: 5Y Time of analysis: 2025/11/28 17:01

Item		Current result		Ref. Ranges	
Protein	TP	7.67	g/dL	5.31-7.92	
Protein	ALB	2.55	g/dL	2.34-4.00	
Protein	GLOB	5.12	g/dL	2.54-5.20	
Protein	A/G	0.5			
Liver and gallbladder	ALT	29.1	U/L	10.1-100.3	
Liver and gallbladder	AST	46.5	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	1.60			
Liver and gallbladder	ALP	↑ 258.4	U/L	15.5-212.0	
Liver and gallbladder	GGT	7.6	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	0.0-30.0	
Pancreas	AMY	559.2	U/L	397.7-1285.1	
Kidneys	BUN	↑ 120.60	mg/dL	7.02-27.45	
Kidneys	CREA	↑ 4.87	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	24.6			
Cardiovasc./Muscle	CK	151.6	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↑ 154.3	U/L	0.0-143.6	
Energy metabolism	GLU	101.0	mg/dL	68.5-135.2	
Energy metabolism	TC	252.8	mg/dL	103.2-324.1	
Energy metabolism	TG	106.3	mg/dL	8.9-115.1	
Minerals	Ca	9.93	mg/dL	8.40-11.88	
Minerals	PHOS	↑ 9.08	mg/dL	2.48-6.81	
Minerals	CaxP	7.27	mmol/L^2		
Minerals	Mg	↑ 2.66	mg/dL	1.29-2.58	
Electrolytes	Na+	152.4	mmol/L	138.0-160.0	
Electrolytes	K+	5.1	mmol/L	3.5-5.9	
Electrolytes	Na/K	29.7			
Electrolytes	Cl-	109.5	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



Report Explan.

ALP



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

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-11-28 17:46:37



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Client:	Fritz Caranay	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	5Y	Time of analysis:	2025/11/28 17:01



Report Explan.

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.

Mg

↑

Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, 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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