

Biochemistry test report



Patient:	LEO	Species:	Canine	Patient ID:	113037
Client:	DR. PILAR ANTILLON	Gender:	Male	Sample No.:	02
Doctor:		Age:	7Y	Time of analysis:	2025/06/02 10:17

Item		Current result		Ref. Ranges	
Protein	TP	6.83	g/dL	5.31-7.92	
Protein	ALB	↓ 2.30	g/dL	2.34-4.00	
Protein	GLOB	4.53	g/dL	2.54-5.20	
Protein	A/G	0.5			
Liver and gallbladder	ALT	↑ 269.5	U/L	10.1-100.3	
Liver and gallbladder	ALP	↑ 355.0	U/L	15.5-212.0	
Liver and gallbladder	GGT	7.7	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Pancreas	AMY	↑ 2519.4	U/L	397.7-1285.1	
Kidneys	BUN	↑ 76.57	mg/dL	7.03-27.45	
Kidneys	CREA	↑ 2.89	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	26.3			
Cardiovasc./Muscle	CK	149.4	U/L	66.4-257.5	
Energy metabolism	GLU	90.1	mg/dL	68.5-135.2	
Energy metabolism	TC	↑ 343.4	mg/dL	103.2-324.1	
Energy metabolism	TG	112.5	mg/dL	8.9-115.1	
Minerals	Ca	8.80	mg/dL	8.40-11.88	
Minerals	PHOS	↑ 8.24	mg/dL	2.48-6.81	
Minerals	CaxP	5.84	mmol/L^2		

Operator:

Diagnosis/Health Checking Panel				QC QC OK	
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0	ICT(Jaundice degree):	0



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.

ALT



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.

AMY



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

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-06-02 10:22:13



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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.

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.

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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