

Biochemistry test report



Patient:	SOPHIE	Species:	Canine	Patient ID:	118890
Client:	JAYNNE ABAO	Gender:	Female	Sample No.:	02
Doctor:		Age:	7Y	Time of analysis:	2025/07/01 11:18

Item		Current result		Ref. Ranges	
Protein	TP	6.97	g/dL	5.31-7.92	
Protein	ALB	2.63	g/dL	2.34-4.00	
Protein	GLOB	4.34	g/dL	2.54-5.20	
Protein	A/G	0.6			
Liver and gallbladder	ALT	↑ 182.1	U/L	10.1-100.3	
Liver and gallbladder	ALP	123.0	U/L	15.5-212.0	
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.28	mg/dL	0.00-0.88	
Pancreas	AMY	↑ 1946.7	U/L	397.7-1285.1	
Kidneys	BUN	↑ >182.65	mg/dL	7.03-27.45	
Kidneys	CREA	↑ 11.57	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	****			
Cardiovasc./Muscle	CK	143.4	U/L	66.4-257.5	
Energy metabolism	GLU	134.8	mg/dL	68.5-135.2	
Energy metabolism	TC	↑ 329.1	mg/dL	103.2-324.1	
Energy metabolism	TG	96.5	mg/dL	8.9-115.1	
Minerals	Ca	↓ 6.84	mg/dL	8.40-11.88	
Minerals	PHOS	↑ >20.13	mg/dL	2.48-6.81	
Minerals	CaxP	****	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.		
ALT	↑	Increase is commonly associated with liver injury and muscle injury, etc.
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.

The results only applies to this test sample. Test Instrument: Mindray vetXpert C5 Time of Printing: 2025-07-01 11:20:31



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Report Explan.

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.

Ca



Increase is commonly associated with hypoadrenocorticism, lymphoma, and nephropathy, etc. Reduction is commonly associated with low calcium diet, hypoalbuminemia, nephropathy, and vitamin D deficiency, 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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