

Biochemistry test report



Patient:	THOMAS	Species:	Canine	Patient ID:	119312
Client:	RAYMOND VUELVAN	Gender:	Male	Sample No.:	01
Doctor:		Age:	16Y	Time of analysis:	2025/08/23 09:25

Item		Current result		Ref. Ranges	
Protein	TP	↑	9.81	g/dL	5.31-7.92
Protein	ALB	↓	2.27	g/dL	2.34-4.00
Protein	GLOB	↑	7.54	g/dL	2.54-5.20
Protein	A/G		0.3		
Liver and gallbladder	ALT		20.2	U/L	10.1-100.3
Liver and gallbladder	ALP		84.3	U/L	15.5-212.0
Liver and gallbladder	GGT		<2.0	U/L	0.0-15.9
Liver and gallbladder	TBIL		0.21	mg/dL	0.00-0.88
Pancreas	AMY	↑	1648.9	U/L	397.7-1285.1
Kidneys	BUN	↑	28.04	mg/dL	7.03-27.45
Kidneys	CREA	↑	1.49	mg/dL	0.23-1.40
Kidneys	BUN/CREA		18.8		
Cardiovasc./Muscle	CK	↓	62.2	U/L	66.4-257.5
Energy metabolism	GLU		104.9	mg/dL	68.5-135.2
Energy metabolism	TC		194.9	mg/dL	103.2-324.1
Energy metabolism	TG		46.1	mg/dL	8.9-115.1
Minerals	Ca		9.40	mg/dL	8.40-11.88
Minerals	PHOS		4.00	mg/dL	2.48-6.81
Minerals	CaxP		3.03	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.

TP



Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.

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.

GLOB



Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-08-23 09:36:41



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 Report Explan.		
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.
CK	↓	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, 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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