

# Biochemistry test report



Patient:	PEACE	Species:	Canine	Patient ID:	116144
Client:	APOLINARIO	Gender:	Male	Sample No.:	04
Doctor:		Age:		Time of analysis:	2025/06/21 13:36

Item		Current result		Ref. Ranges	
Protein	TP	7.02	g/dL	5.31-7.92	
Protein	ALB	3.05	g/dL	2.34-4.00	
Protein	GLOB	3.97	g/dL	2.54-5.20	
Protein	A/G	0.8			
Liver and gallbladder	ALT	57.1	U/L	10.1-100.3	
Liver and gallbladder	AST	43.0	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.75			
Liver and gallbladder	ALP	196.1	U/L	15.5-212.0	
Liver and gallbladder	GGT	2.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.18	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	1.8	μmol/L	0.0-30.0	
Pancreas	AMY	619.0	U/L	397.7-1285.1	
Kidneys	BUN	12.94	mg/dL	7.02-27.45	
Kidneys	CREA	0.57	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	22.4			
Cardiovasc./Muscle	CK	121.1	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	127.5	U/L	0.0-143.6	
Energy metabolism	GLU	137.3	mg/dL	68.5-135.2	
Energy metabolism	TC	283.3	mg/dL	103.2-324.1	
Energy metabolism	TG	136.9	mg/dL	8.9-115.1	
Minerals	Ca	9.75	mg/dL	8.40-11.88	
Minerals	PHOS	3.23	mg/dL	2.48-6.81	
Minerals	CaxP	2.54	mmol/L^2		
Minerals	Mg	1.28	mg/dL	1.48-2.58	
Electrolytes	Na+	142.8	mmol/L	138.0-160.0	
Electrolytes	K+	3.9	mmol/L	3.5-5.9	
Electrolytes	Na/K	36.5			
Electrolytes	Cl-	106.8	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:2025-06-21 13:38:34



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## Report Explan.

**GLU**



Increase is commonly associated with diabetes and hypercorticismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.

**TG**



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticismus, 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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