

# Biochemistry test report



Patient:	Jax	Species:	Canine	Patient ID:	251214001
Client:	Michael Marquez	Gender:	Male	Sample No.:	0000001
Doctor:		Age:	13Y	Time of analysis:	2025/12/14 10:44

Item		Current result		Ref. Ranges	
Protein	TP	6.78	g/dL	5.31-7.92	
Protein	ALB	2.86	g/dL	2.34-4.00	
Protein	GLOB	3.92	g/dL	2.54-5.20	
Protein	A/G	0.7			
Liver and gallbladder	ALT	72.1	U/L	10.1-100.3	
Liver and gallbladder	AST	32.5	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.45			
Liver and gallbladder	ALP	↑ 241.2	U/L	15.5-212.0	
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	7.4	μmol/L	0.0-30.0	
Pancreas	AMY	718.0	U/L	397.7-1285.1	
Kidneys	BUN	26.19	mg/dL	7.02-27.45	
Kidneys	CREA	1.24	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	21.0			
Cardiovasc./Muscle	CK	89.1	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	68.0	U/L	0.0-143.6	
Energy metabolism	GLU	89.5	mg/dL	68.5-135.2	
Energy metabolism	TC	162.0	mg/dL	103.2-324.1	
Energy metabolism	TG	↑ 160.6	mg/dL	8.9-115.1	
Minerals	Ca	11.84	mg/dL	8.40-11.88	
Minerals	PHOS	3.49	mg/dL	2.48-6.81	
Minerals	CaxP	3.33	mmol/L^2		
Minerals	Mg	1.94	mg/dL	1.29-2.58	
Electrolytes	Na+	147.4	mmol/L	138.0-160.0	
Electrolytes	K+	5.0	mmol/L	3.5-5.9	
Electrolytes	Na/K	29.3			
Electrolytes	Cl-	117.9	mmol/L	102.7-125.0	

Operator:

## Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0      LIP(Lipemia degree): 1+      ICT(Jaundice degree): 0



## Report Expln.

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:2025-12-14 10:49:13



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## Report Explan.

**TG**



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