

# Biochemistry test report



Patient:	SKYLAR	Species:	Canine	Patient ID:	118858
Client:	CARPIO	Gender:	Male	Sample No.:	03
Doctor:		Age:	3Y	Time of analysis:	2025/06/26 17:42

Item		Current result		Ref. Ranges	
Protein	TP	6.21	g/dL	5.31-7.92	
Protein	ALB	2.98	g/dL	2.34-4.00	
Protein	GLOB	3.23	g/dL	2.54-5.20	
Protein	A/G	0.9			
Liver and gallbladder	ALT	38.2	U/L	10.1-100.3	
Liver and gallbladder	AST	34.3	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.90			
Liver and gallbladder	ALP	68.1	U/L	15.5-212.0	
Liver and gallbladder	GGT	9.3	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.43	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-30.0	
Pancreas	AMY	↓ 305.9	U/L	397.7-1285.1	
Kidneys	BUN	12.62	mg/dL	7.02-27.45	
Kidneys	CREA	0.92	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	13.7			
Cardiovasc./Muscle	CK	193.7	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	92.7	U/L	0.0-143.6	
Energy metabolism	GLU	92.3	mg/dL	68.5-135.2	
Energy metabolism	TC	↓ 101.7	mg/dL	103.2-324.1	
Energy metabolism	TG	37.8	mg/dL	8.9-115.1	
Minerals	Ca	9.62	mg/dL	8.40-11.88	
Minerals	PHOS	↓ 1.91	mg/dL	2.48-6.81	
Minerals	CaxP	1.48	mmol/L^2		
Minerals	Mg	2.54	mg/dL	1.48-2.58	
Electrolytes	Na+	141.8	mmol/L	138.0-160.0	
Electrolytes	K+	5.3	mmol/L	3.5-5.9	
Electrolytes	Na/K	26.9			
Electrolytes	Cl-	107.1	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:2025-06-26 17:45:20



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## Report Explan.

AMY



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