

# Biochemistry test report



Patient:	DUKE	Species:	Canine	Patient ID:	115223
Client:	ELDRED COLE	Gender:	Male	Sample No.:	01
Doctor:		Age stage:		Time of analysis:	2025/04/22 10:07

	Item	Current result		Ref. Ranges	
Protein	TP	6.85	g/dL	5.31-7.92	
Protein	ALB	3.17	g/dL	2.34-4.00	
Protein	GLOB	3.68	g/dL	2.54-4.40	
Protein	A/G	0.9			
Liver and gallbladder	ALT	↑ 147.3	U/L	10.1-100.3	
Liver and gallbladder	ALP	26.8	U/L	15.5-125.0	
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Pancreas	AMY	↑ 1604.1	U/L	397.7-1285.1	
Kidneys	BUN	↑ 49.66	mg/dL	7.02-27.45	
Kidneys	CREA	0.55	mg/dL	0.38-1.40	
Kidneys	BUN/CREA	89.1			
Cardiovasc./Muscle	CK	↑ 435.9	U/L	66.4-257.5	
Energy metabolism	GLU	↑ 116.7	mg/dL	68.5-113.3	
Energy metabolism	TC	212.7	mg/dL	103.2-324.1	
Energy metabolism	TG	54.8	mg/dL	8.9-115.1	
Minerals	Ca	10.13	mg/dL	9.20-11.88	
Minerals	PHOS	3.32	mg/dL	3.10-6.81	
Minerals	CaxP	2.72	mmol/L <sup>2</sup>		

Operator:

## Diagnosis/Health Checking Panel

QC QC OK

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



## Report Explain.

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.
CK ↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.
GLU ↑	Increase is commonly associated with diabetes and hypercorticalismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-04-22 10:09:54



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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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