Biochemistry test report

Patient:	DUKE	Species:	Canine	Patient ID:	111660
Client:	MARY MADERAL	Gender:	Male	Sample No.:	06
Doctor:		Age:	8Y	Time of analysis:	2025/07/28 12:32

	Item		Current result		Ref. Ranges	
Protein	**TP**		**7.49**	g/dL	5.31-7.92	
Protein	**ALB**		**3.05**	g/dL	2.34-4.00	
Protein	**GLOB**		**4.44**	g/dL	2.54-5.20	
Protein	**A/G**		**0.7**			
Liver and gallbladder	**ALT**		**33.3**	U/L	10.1-100.3	
Liver and gallbladder	**AST**		**43.7**	U/L	0.0-51.7	
Liver and gallbladder	**AST/ALT**		**1.31**			
Liver and gallbladder	**ALP**		**92.8**	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**		**<1.0**	μmol/L	0.0-30.0	
Pancreas	**AMY**		**1245.2**	U/L	397.7-1285.1	
Kidneys	**BUN**		**13.80**	mg/dL	7.03-27.45	
Kidneys	**CREA**		**1.28**	mg/dL	0.23-1.40	
Kidneys	**BUN/CREA**		**10.7**			
Cardiovasc./Muscle	**CK**		**212.9**	U/L	66.4-257.5	
Cardiovasc./Muscle	**LDH**		**138.7**	U/L	0.0-143.6	
Energy metabolism	**GLU**		**123.3**	mg/dL	68.5-135.2	
Energy metabolism	**TC**		**128.0**	mg/dL	103.2-324.1	
Energy metabolism	**TG**	↑	**124.9**	mg/dL	8.9-115.1	
Minerals	**Ca**		**10.04**	mg/dL	8.40-11.88	
Minerals	**PHOS**	↓	**1.33**	mg/dL	2.48-6.81	
Minerals	**CaxP**		**1.07**	mmol/L^2		
Minerals	**Mg**	↓	**1.31**	mg/dL	1.48-2.58	
Electrolytes	**Na+**		**152.1**	mmol/L	138.0-160.0	
Electrolytes	**K+**		**4.4**	mmol/L	3.5-5.9	
Electrolytes	**Na/K**		**34.7**			
Electrolytes	**Cl-**		**113.3**	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:2025-07-28 12:40:03

BATINGA ANIMAL MEDICAL CENTER
TIANO BRO., CAGAYAN DE ORO CITY
088 857 4112 , 09753453669

Biochemistry test report

Patient:	DUKE	Species:	Canine	Patient ID:	111660
Client:	MARY MADERAL	Gender:	Male	Sample No.:	06
Doctor:		Age:	8Y	Time of analysis:	2025/07/28 12:32

Report Explan.

TG	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticalismus, etc.
PHOS	↓	Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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.

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2025-07-28 12:40:03

BATINGA ANIMAL MEDICAL CENTER
TIANO BRO., CAGAYAN DE ORO CITY
088 857 4112 , 09753453669