Biochemistry test report

Patient:	Klay	Species:	Canine	Patient ID:	2509153
Client:	Nica Chua	Gender:	Male	Sample No.:	0000003
Doctor:		Age:	2Y	Time of analysis:	2025/09/15 17:41

	Item		Current result		Ref. Ranges	
Protein	**TP**		**6.74**	g/dL	5.31-7.92	
Protein	**ALB**		**3.07**	g/dL	2.34-4.00	
Protein	**GLOB**		**3.67**	g/dL	2.54-5.20	
Protein	**A/G**		**0.8**			
Liver and gallbladder	**ALT**	↑	**107.3**	U/L	10.1-100.3	
Liver and gallbladder	**AST**	↑	**136.4**	U/L	0.0-51.7	
Liver and gallbladder	**AST/ALT**		**1.27**			
Liver and gallbladder	**ALP**		**84.4**	U/L	15.5-212.0	
Liver and gallbladder	**GGT**		**5.0**	U/L	0.0-15.9	
Liver and gallbladder	**TBIL**		**0.21**	mg/dL	0.00-0.88	
Liver and gallbladder	**TBA**		**<1.0**	μmol/L	0.0-30.0	
Pancreas	**AMY**		**828.1**	U/L	397.7-1285.1	
Kidneys	**BUN**		**12.15**	mg/dL	7.02-27.45	
Kidneys	**CREA**		**1.03**	mg/dL	0.23-1.40	
Kidneys	**BUN/CREA**		**11.7**			
Cardiovasc./Muscle	**CK**	↑	**2483.9**	U/L	66.4-257.5	
Cardiovasc./Muscle	**LDH**		**85.1**	U/L	0.0-143.6	
Energy metabolism	**GLU**		**109.3**	mg/dL	68.5-135.2	
Energy metabolism	**TC**		**108.9**	mg/dL	103.2-324.1	
Energy metabolism	**TG**		**36.2**	mg/dL	8.9-115.1	
Minerals	**Ca**		**9.76**	mg/dL	8.40-11.88	
Minerals	**PHOS**	↓	**1.22**	mg/dL	2.48-6.81	
Minerals	**CaxP**		**0.96**	mmol/L^2		
Minerals	**Mg**		**1.62**	mg/dL	1.29-2.58	
Electrolytes	**Na+**		**150.0**	mmol/L	138.0-160.0	
Electrolytes	**K+**		**4.5**	mmol/L	3.5-5.9	
Electrolytes	**Na/K**		**33.3**			
Electrolytes	**Cl-**		**108.1**	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:2025-09-15 17:44:27

Biochemistry test report

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Doctor:		Age:	2Y	Time of analysis:	2025/09/15 17:41

Report Explan.

ALT	↑	Increase is commonly associated with liver injury and muscle injury, etc.
AST	↑	Increase is commonly associated with liver injury and muscle injury, etc.
CK	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, 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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