Biochemistry test report



Patient:	KIKAY	Species:	Canine	Patient ID:	261016007
Client:	PONGOS	Gender:	Female	Sample No.:	07
Doctor:		Age:	6Y	Time of analysis:	2026/10/16 12:55

	Item		Current result		Ref. Ranges
Protein	**TP**	↑	**90.7**	g/L	52.0-82.0
Protein	**ALB**		**28.0**	g/L	21.0-40.0
Protein	**GLOB**	↑	**62.7**	g/L	25.4-52.0
Protein	**A/G**		**0.4**		
Liver and gallbladder	**ALT**	↑	**108.2**	U/L	10.1-100.3
Liver and gallbladder	**AST**	↑	**51.8**	U/L	0.0-51.7
Liver and gallbladder	**AST/ALT**		**0.48**		
Liver and gallbladder	**ALP**		**88.3**	U/L	15.5-212.0
Liver and gallbladder	**GGT**		**<2.0**	U/L	0.0-15.9
Liver and gallbladder	**TBIL**		**3.96**	μmol/L	0.00-15.00
Liver and gallbladder	**TBA**		**<1.0**	μmol/L	0.0-30.0
Pancreas	**AMY**		**1199.8**	U/L	200.0-1285.1
Pancreas	**LIPA-D**	↑	**341.3**	U/L	0.0-125.0
Kidneys	**BUN**	↑	**57.46**	mmol/L	2.50-9.77
Kidneys	**CREA**	↑	**1069.00**	μmol/L	20.00-123.70
Kidneys	**BUN/CREA**		**13.3**		
Cardiovasc./Muscle	**CK**		**74.1**	U/L	30.0-257.5
Cardiovasc./Muscle	**LDH**		**58.3**	U/L	0.0-143.6
Energy metabolism	**GLU**		**5.32**	mmol/L	3.80-7.50
Energy metabolism	**TC**		**5.57**	mmol/L	2.67-8.38
Energy metabolism	**TG**		**1.23**	mmol/L	0.10-1.30
Minerals	**Ca**		**2.00**	mmol/L	1.95-2.97
Minerals	**PHOS**	↑	**>6.50**	mmol/L	0.70-2.20
Minerals	**CaxP**		********	$(mmol/L)^2$	
Minerals	**Mg**	↑	**1.44**	mmol/L	0.53-1.06
Electrolytes	**Na+**		**152.1**	mmol/L	138.0-160.0
Electrolytes	**K+**		**4.9**	mmol/L	3.5-5.9
Electrolytes	**Na/K**		**31.0**		
Electrolytes	**Cl-**		**107.3**	mmol/L	100.7-125.0

LIPA-D: 0.0-125.0 U/L Negative 125.0-250.0 U/L Suspected >250.0 U/L Positive

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:2026-10-16 12:56:16

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Report Explan.

TP	↑	Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.
GLOB	↑	Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.
ALT	↑	Increase is commonly associated with liver injury and muscle injury, etc.
AST	↑	Increase is commonly associated with liver injury and muscle injury, etc.
LIPA-D	↑	Increase is commonly associated with 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.
CREA	↑	Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, 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.

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