Biochemistry test report



Patient:	JACKY	Species:	Canine	Patient ID:	260922002
Client:	GENERALAO	Gender:	Female	Sample No.:	02
Doctor:		Age:	6Y	Time of analysis:	2026/09/22 12:54

	Item		Current result		Ref. Ranges
Protein	**TP**		**63.5**	g/L	52.0-82.0
Protein	**ALB**		**23.2**	g/L	21.0-40.0
Protein	**GLOB**		**40.3**	g/L	25.4-52.0
Protein	**A/G**		**0.6**		
Liver and gallbladder	**ALT**		**75.3**	U/L	10.1-100.3
Liver and gallbladder	**AST**		**48.8**	U/L	0.0-51.7
Liver and gallbladder	**AST/ALT**		**0.65**		
Liver and gallbladder	**ALP**		**83.4**	U/L	15.5-212.0
Liver and gallbladder	**GGT**		**<2.0**	U/L	0.0-15.9
Liver and gallbladder	**TBIL**		**<1.70**	μmol/L	0.00-15.00
Liver and gallbladder	**TBA**		**9.6**	μmol/L	0.0-30.0
Pancreas	**AMY**		**651.1**	U/L	200.0-1285.1
Pancreas	**LIPA-D**		**65.4**	U/L	0.0-125.0
Kidneys	**BUN**	↑	**18.31**	mmol/L	2.50-9.77
Kidneys	**CREA**		**79.60**	μmol/L	20.00-123.70
Kidneys	**BUN/CREA**		**56.9**		
Cardiovasc./Muscle	**CK**		**238.8**	U/L	30.0-257.5
Cardiovasc./Muscle	**LDH**	↑	**192.7**	U/L	0.0-143.6
Energy metabolism	**GLU**	↑	**10.53**	mmol/L	3.80-7.50
Energy metabolism	**TC**		**3.57**	mmol/L	2.67-8.38
Energy metabolism	**TG**		**0.77**	mmol/L	0.10-1.30
Minerals	**Ca**		**2.12**	mmol/L	1.95-2.97
Minerals	**PHOS**	↑	**2.30**	mmol/L	0.70-2.20
Minerals	**CaxP**		**4.88**	$(mmol/L)^2$	
Minerals	**Mg**	↑	**1.12**	mmol/L	0.53-1.06
Electrolytes	**Na+**	↓	**134.7**	mmol/L	138.0-160.0
Electrolytes	**K+**		**5.1**	mmol/L	3.5-5.9
Electrolytes	**Na/K**		**26.4**		
Electrolytes	**Cl-**	↓	**89.4**	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):	1+	LIP(Lipemia degree):	0	ICT(Jaundice degree):	0

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-09-22 13:03:45

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Report Explan.

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.
LDH	↑	Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.
GLU	↑	Increase is commonly associated with diabetes and hypercorticalismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, 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.
Na+	↓	Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, hyperaldosteronism, and severe dehydration, etc. Reduction is commonly associated with hypoadrenocorticism, diuretic therapy, etc.
Cl-	↓	Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, diuretic therapy, 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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