Biochemistry test report

Patient:	PUMPKIN	Species:	Feline	Patient ID:	117845
Client:	GOYLAN	Gender:	Male	Sample No.:	05
Doctor:		Age stage:		Time of analysis:	2025/03/08 14:15

	Item		Current result		Ref. Ranges	
Protein	**TP**		**8.09**	g/dL	5.65-8.85	
Protein	**ALB**		**2.75**	g/dL	2.20-4.00	
Protein	**GLOB**	↑	**5.35**	g/dL	2.82-5.13	
Protein	**A/G**		**0.5**			
Liver and gallbladder	**ALT**		**133.4**	U/L	25.8-149.2	
Liver and gallbladder	**AST**	↑	**63.9**	U/L	16.5-60.0	
Liver and gallbladder	**AST/ALT**		**0.48**			
Liver and gallbladder	**ALP**	↓	**<5.0**	U/L	8.7-110.9	
Liver and gallbladder	**GGT**		**<2.0**	U/L	0.0-8.2	
Liver and gallbladder	**TBIL**	↑	**3.70**	mg/dL	0.00-0.88	
Pancreas	**AMY**		**1570.8**	U/L	555.6-1940.0	
Kidneys	**BUN**		**19.59**	mg/dL	12.79-32.06	
Kidneys	**CREA**		**1.73**	mg/dL	0.51-2.03	
Kidneys	**BUN/CREA**		**11.3**			
Cardiovasc./Muscle	**CK**		**215.7**	U/L	66.1-530.9	
Cardiovasc./Muscle	**LDH**		**253.7**	U/L	60.9-334.2	
Energy metabolism	**GLU**	↑	**162.0**	mg/dL	61.1-151.2	
Energy metabolism	**TC**		**123.6**	mg/dL	72.3-225.8	
Minerals	**Ca**	↓	**7.40**	mg/dL	8.40-11.16	
Minerals	**PHOS**		**3.16**	mg/dL	3.16-8.42	
Minerals	**CaxP**		**1.89**	mmol/L^2		
Electrolytes	**tCO2**		**13.50**	mmol/L	11.10-21.17	
Electrolytes	**Na+**	↓	**141.3**	mmol/L	143.0-166.0	
Electrolytes	**K+**		**3.6**	mmol/L	3.5-5.9	
Electrolytes	**Na/K**		**39.1**			
Electrolytes	**Cl-**		**111.2**	mmol/L	104.4-129.0	

Operator:

Comprehensive Diagnosis Panel **QC QC OK**

HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0	ICT(Jaundice degree):	2+

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2025-03-08 14:16:47

Biochemistry test report

Patient:	PUMPKIN	Species:	Feline	Patient ID:	117845
Client:	GOYLAN	Gender:	Male	Sample No.:	05
Doctor:		Age stage:		Time of analysis:	2025/03/08 14:15

Report Explan.

GLOB	↑	Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.
AST	↑	Increase is commonly associated with liver injury and muscle injury, etc.
ALP	↓	Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.
TBIL	↑	Increase is commonly associated with hemolysis and hepatobiliary dysfunction. Reduction is commonly associated with decreased erythropoiesis, etc.
GLU	↑	Increase is commonly associated with diabetes and hypercorticalismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.
Ca	↓	Increase is commonly associated with hypoadrenocorticism, lymphoma, and nephropathy, etc. Reduction is commonly associated with low calcium diet, hypoalbuminemia, nephropathy, and vitamin D deficiency, 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.

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:2025-03-08 14:16:47