Biochemistry test report

Patient:	Chippy	Species:	Feline	Patient ID:	2506031
Client:	Den Mark Esguerra	Gender:	Male	Sample No.:	0000001
Doctor:		Age:	3Y	Time of analysis:	2025/06/03 10:15

	Item		Current result		Ref. Ranges	
Protein	**TP**		**8.62**	g/dL	5.65-8.85	
Protein	**ALB**		**2.99**	g/dL	2.20-4.00	
Protein	**GLOB**	↑	**5.63**	g/dL	2.82-5.13	
Protein	**A/G**		**0.5**			
Liver and gallbladder	**ALT**	↑	**153.2**	U/L	12.0-149.2	
Liver and gallbladder	**AST**	↑	**102.8**	U/L	0.0-60.0	
Liver and gallbladder	**AST/ALT**		**0.67**			
Liver and gallbladder	**ALP**		**14.5**	U/L	8.7-110.9	
Liver and gallbladder	**GGT**		**<2.0**	U/L	0.0-8.2	
Liver and gallbladder	**TBIL**		**<0.10**	mg/dL	0.00-0.88	
Liver and gallbladder	**TBA**		**<1.0**	μmol/L	0.0-20.0	
Pancreas	**AMY**		**1229.4**	U/L	555.6-1940.0	
Kidneys	**BUN**	↑	**108.05**	mg/dL	12.79-32.06	
Kidneys	**CREA**	↑	**2.43**	mg/dL	0.32-2.03	
Kidneys	**BUN/CREA**		**44.2**			
Cardiovasc./Muscle	**CK**	↑	**>2500.0**	U/L	66.1-530.9	
Cardiovasc./Muscle	**LDH**	↑	**369.2**	U/L	0.0-334.2	
Energy metabolism	**GLU**		**116.0**	mg/dL	61.1-151.2	
Energy metabolism	**TC**		**158.5**	mg/dL	72.3-225.8	
Energy metabolism	**TG**		**59.0**	mg/dL	8.9-115.1	
Minerals	**Ca**		**8.71**	mg/dL	8.40-11.16	
Minerals	**PHOS**		**5.59**	mg/dL	2.48-8.42	
Minerals	**CaxP**		**3.93**	mmol/L^2		
Minerals	**Mg**	↑	**3.52**	mg/dL	1.77-2.96	
Electrolytes	**Na+**		**148.5**	mmol/L	141.0-166.0	
Electrolytes	**K+**		**5.0**	mmol/L	3.5-5.9	
Electrolytes	**Na/K**		**29.9**			
Electrolytes	**Cl-**		**119.2**	mmol/L	104.4-129.0	

Operator:

Comprehensive Diagnosis Panel **QC QC OK**

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

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2025-06-03 10:21:26

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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.
ALT	↑	Increase is commonly associated with liver injury and muscle injury, etc.
AST	↑	Increase is commonly associated with liver injury and muscle injury, 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.
CK	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.
LDH	↑	Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, 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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