Chippy Test report

Patient:	Chippy	Species:	Feline	Patient ID:	2506031
Client:	Den Mark Esguerra	Gender:	Male	Age:	3Y

AI Aided Diag. Explan.

It is recommended to add symmetric dimethylarginine (SDMA), urinary protein to creatinine ratio (UPC), urinary specific gravity (SG), and imaging examinations to identify the cause and grading of renal dysfunction, based on clinical manifestations and medical history.

It is recommended to add liver and kidney panel tests, electrolytes, myocardial enzyme spectrum (N-terminal pro-brain natriuretic peptide, cardiac troponin I), electrocardiogram, and ultrasound-related examinations to evaluate the animal's overall muscle health status, based on clinical manifestations and medical history.

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:2025-06-24 15:56:49

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

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.

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2025-06-24 15:56:49

Immunoassay 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 10:14

Lab item		Current result		Ref. Ranges	
fSDMA	↑	**33.2**	µg/dL	0.0-14.0	

Operator:

Report Explan.

fSDMA

Result indications:
<14.0 ug/dL Normal
14.0-20.0 ug/dL Suspected
>20.0 ug/dL Abnormal
Clinical significance:
fSDMA is an early biomarker of progressive kidney injury, and an increase may indicate impaired renal function.

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 I3 Time of Printing:2025-06-24 15:56:51