Biochemistry test report

Patient:	Snowy	Species:	Feline	Patient ID:	25090833
Client:	Kristine Gomez	Gender:	Female	Sample No.:	0000003
Doctor:		Age:	1Y	Time of analysis:	2025/09/08 15:08

	Item		Current result		Ref. Ranges	
Protein	**TP**	↑	**9.91**	g/dL	5.65-8.85	
Protein	**ALB**		**2.84**	g/dL	2.20-4.00	
Protein	**GLOB**	↑	**7.07**	g/dL	2.82-5.13	
Protein	**A/G**		**0.4**			
Liver and gallbladder	**ALT**		**40.8**	U/L	12.0-149.2	
Liver and gallbladder	**AST**		**30.4**	U/L	0.0-60.0	
Liver and gallbladder	**AST/ALT**		**0.74**			
Liver and gallbladder	**ALP**		**19.2**	U/L	8.7-110.9	
Liver and gallbladder	**GGT**		**<2.0**	U/L	0.0-8.2	
Liver and gallbladder	**TBIL**		**0.13**	mg/dL	0.00-0.88	
Liver and gallbladder	**TBA**		**<1.0**	μmol/L	0.0-20.0	
Pancreas	**AMY**		**1139.3**	U/L	555.6-1940.0	
Kidneys	**BUN**		**14.08**	mg/dL	12.79-32.06	
Kidneys	**CREA**	↓	**0.27**	mg/dL	0.32-2.03	
Kidneys	**BUN/CREA**		**52.5**			
Cardiovasc./Muscle	**CK**		**158.7**	U/L	66.1-530.9	
Cardiovasc./Muscle	**LDH**		**230.0**	U/L	0.0-334.2	
Energy metabolism	**GLU**		**81.7**	mg/dL	61.1-151.2	
Energy metabolism	**TC**	↓	**59.5**	mg/dL	72.3-225.8	
Energy metabolism	**TG**		**16.1**	mg/dL	8.9-115.1	
Minerals	**Ca**		**9.28**	mg/dL	8.40-11.16	
Minerals	**PHOS**		**5.67**	mg/dL	2.48-8.42	
Minerals	**CaxP**		**4.25**	mmol/L^2		
Minerals	**Mg**		**1.61**	mg/dL	1.60-2.96	
Electrolytes	**Na+**		**151.4**	mmol/L	141.0-166.0	
Electrolytes	**K+**	↑	**6.4**	mmol/L	3.5-5.9	
Electrolytes	**Na/K**		**23.6**			
Electrolytes	**Cl-**		**127.3**	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:2025-11-03 13:31:46

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Doctor:		Age:	1Y	Time of analysis:	2025/09/08 15:08

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.
CREA	↓	Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, etc.
TC	↓	Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticalismus, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism,etc.
K+	↑	Increase is commonly associated with high potassium fluid replacement, diabetes, adrenocortical hypofunction, and acute kidney injury, etc. Reduction is commonly associated with low potassium or potassium-free fluid replacement, vomiting, diarrhea, and hypercorticalismus, 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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Immunoassay test report

Patient:	Snowy	Species:	Feline	Patient ID:	25090833
Client:	Kristine Gomez	Gender:	Female	Sample No.:	0000003
Doctor:		Age:	1Y	Time of analysis:	2025/09/08 15:07

Lab item		Current result		Ref. Ranges	
fSDMA	↑	**14.6**	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:2025-11-03 13:31:48