COBY Test report

Patient:	COBY	Species:	Canine	Patient ID:	250527222
Client:	MINOZA	Gender:	Male	Age:	Elderly 11Y

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.

PETVET CENTRAL VETERINARY CLINIC
UPTOWN, CAGAYAN DE ORO CITY
09162359535

Biochemistry test report

Patient:	COBY	Species:	Canine	Patient ID:	250527222
Client:	MINOZA	Gender:	Male	Sample No.:	05
Doctor:		Age:	Elderly 11Y	Time of analysis:	2025/07/01 13:58

	Item		Current result		Ref. Ranges		2025/06/15
Kidneys	**BUN**	↑	**22.33**	mmol/L	2.50-9.77		**24.15**
Kidneys	**CREA**	↑	**154.50**	μmol/L	20.00-123.70		**181.00**
Kidneys	**BUN/CREA**		**35.8**				**33.0**
Energy metabolism	**GLU**		**6.83**	mmol/L	3.80-7.50		**6.16**
Minerals	**Ca**		**2.39**	mmol/L	2.10-2.97		**2.31**
Minerals	**PHOS**		**2.00**	mmol/L	0.80-2.20		**2.24**
Minerals	**CaxP**		**4.76**	mmol/L^2			**5.17**
Minerals	**Mg**	↓	**0.53**	mmol/L	0.61-1.06		**0.65**
Electrolytes	**tCO2**		**18.54**	mmol/L	13.14-25.13		**14.44**
Electrolytes	**Na+**		**145.0**	mmol/L	138.0-160.0		**137.1**
Electrolytes	**K+**		**5.2**	mmol/L	3.5-5.9		**5.3**
Electrolytes	**Na/K**		**27.7**				**25.9**
Electrolytes	**Cl-**		**119.1**	mmol/L	102.7-125.0		**121.8**

Operator:

Electrolyte Panel **QC QC OK**

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

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.
CREA ↑	Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, 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:2025-07-01 13:59:36