Biochemistry test report

Patient:	DORA	Species:	Canine	Patient ID:	250802150
Client:	FUENTES	Gender:	Female	Sample No.:	7
Doctor:		Age:	8Y	Time of analysis:	2025/08/02 17:28

	Item		Current result		Ref. Ranges	
Kidneys	BUN		3.30	mmol/L	2.50-9.77	
Kidneys	CREA		50.50	µmol/L	20.00-123.70	
Kidneys	BUN/CREA		16.2			
Energy metabolism	GLU		5.77	mmol/L	3.80-7.50	
Minerals	Ca	↓	1.50	mmol/L	2.10-2.97	
Minerals	PHOS	↓	0.19	mmol/L	0.80-2.20	
Minerals	CaxP		0.29	mmol/L^2		
Minerals	Mg	↓	0.52	mmol/L	0.61-1.06	
Electrolytes	tCO2		15.71	mmol/L	13.14-25.13	
Electrolytes	Na+		150.1	mmol/L	138.0-160.0	
Electrolytes	K+		4.6	mmol/L	3.5-5.9	
Electrolytes	Na/K		32.6			
Electrolytes	Cl-		115.7	mmol/L	102.7-125.0	

Operator:

Electrolyte Panel   QC QC OK

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

📄 Report Explan.

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.
PHOS	↓	Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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.

Test Instrument:Mindray vetXpert C5   Time of Printing:2025-08-02 17:29:37