Biochemistry test report

Patient:	Coco	Species:	Canine	Patient ID:	260228004
Client:	Jessa Dela Cruz	Gender:	Male	Sample No.:	0000004
Doctor:		Age:	4Y	Time of analysis:	2026/02/28 11:12

	Item		Current result		Ref. Ranges	
Protein	**TP**	↓	**4.85**	g/dL	5.31-7.92	
Protein	**ALB**	↓	**2.28**	g/dL	2.34-4.00	
Protein	**GLOB**		**2.57**	g/dL	2.54-5.20	
Protein	**A/G**		**0.9**			
Kidneys	**BUN**		**10.22**	mg/dL	7.02-27.45	
Kidneys	**CREA**		**0.32**	mg/dL	0.23-1.40	
Kidneys	**BUN/CREA**		**31.6**			
Minerals	**Ca**	↓	**6.84**	mg/dL	8.40-11.88	
Minerals	**PHOS**	↓	**2.32**	mg/dL	2.48-6.81	
Minerals	**CaxP**		**1.28**	mmol/L^2		
Electrolytes	**Na+**	↓	**<110.0**	mmol/L	138.0-160.0	
Electrolytes	**K+**	↓	**2.7**	mmol/L	3.5-5.9	
Electrolytes	**Na/K**		****			
Electrolytes	**Cl-**	↓	**75.8**	mmol/L	102.7-125.0	

Operator:

Kidney Recheck Panel **QC QC Fail**

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

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.
ALB ↓	Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.
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.
Na+ ↓	Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, hyperaldosteronism, and severe dehydration, etc. Reduction is commonly associated with hypoadrenocorticism, diuretic therapy, 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.

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-02-28 13:14:41

Biochemistry test report

Patient:	Coco	Species:	Canine	Patient ID:	260228004
Client:	Jessa Dela Cruz	Gender:	Male	Sample No.:	0000004
Doctor:		Age:	4Y	Time of analysis:	2026/02/28 11:12

Report Explan.

Cl-	↓	Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, diuretic therapy, 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:2026-02-28 13:14:41