

Biochemistry test report



Patient:	Spike	Species:	Canine	Patient ID:	2511191
Client:	Melanie Aquino	Gender:	Male	Sample No.:	0000001
Doctor:		Age:	13Y	Time of analysis:	2025/11/19 18:50

Item		Current result		Ref. Ranges	
Protein	TP	↑	8.41	g/dL	5.31-7.92
Protein	ALB	↓	1.69	g/dL	2.34-4.00
Protein	GLOB	↑	6.72	g/dL	2.54-5.20
Protein	A/G		0.3		
Kidneys	BUN	↑	104.26	mg/dL	7.02-27.45
Kidneys	CREA	↑	3.45	mg/dL	0.23-1.40
Kidneys	BUN/CREA		30.1		
Minerals	Ca	↓	7.91	mg/dL	8.40-11.88
Minerals	PHOS	↑	8.34	mg/dL	2.48-6.81
Minerals	CaxP		5.32	mmol/L^2	
Electrolytes	Na+		150.9	mmol/L	138.0-160.0
Electrolytes	K+		4.2	mmol/L	3.5-5.9
Electrolytes	Na/K		36.2		
Electrolytes	Cl-		113.5	mmol/L	102.7-125.0

Operator:

Kidney Recheck Panel

QC QC OK

HEM(Hemolysis degree):	1+	LIP(Lipemia degree):	1+	ICT(Jaundice degree):	0
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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.

GLOB



Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

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.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-11-19 19:30:13



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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.

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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