

BUBBLES Test report



Patient:	BUBBLES	Species:	Canine	Patient ID:	2510024
Client:	CABONCCE	Gender:	Spayed	Age:	12Y

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.

It is recommended to add related examinations such as pancreatic specific lipase and abdominal ultrasound to evaluate pancreatic function, based on clinical manifestations and medical history.

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.

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Biochemistry test report



Patient:	BUBBLES	Species:	Canine	Patient ID:	2510024
Client:	CABONCCE	Gender:	Spayed	Sample No.:	04
Doctor:		Age:	12Y	Time of analysis:	2025/10/02 11:48

Item		Current result		Ref. Ranges	
Protein	TP	61.0	g/L	53.1-79.2	
Protein	ALB	↓ 21.4	g/L	23.4-40.0	
Protein	GLOB	39.6	g/L	25.4-52.0	
Protein	A/G	0.5			
Liver and gallbladder	ALT	↑ 193.6	U/L	10.1-100.3	
Liver and gallbladder	AST	36.0	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.19			
Liver and gallbladder	ALP	88.2	U/L	15.5-212.0	
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<1.70	μmol/L	0.00-15.00	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-30.0	
Pancreas	AMY	↑ 2658.3	U/L	397.7-1285.1	
Kidneys	BUN	↑ 59.34	mmol/L	2.50-9.77	
Kidneys	CREA	↑ 848.90	μmol/L	20.00-123.70	
Kidneys	BUN/CREA	17.3			
Cardiovasc./Muscle	CK	155.5	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	49.8	U/L	0.0-143.6	
Energy metabolism	GLU	5.11	mmol/L	3.80-7.50	
Energy metabolism	TC	↑ 8.91	mmol/L	2.67-8.38	
Energy metabolism	TG	0.95	mmol/L	0.10-1.30	
Minerals	Ca	2.97	mmol/L	2.10-2.97	
Minerals	PHOS	↑ 5.09	mmol/L	0.80-2.20	
Minerals	CaxP	15.12	mmol/L^2		
Minerals	Mg	↑ 1.49	mmol/L	0.53-1.06	
Electrolytes	Na+	142.8	mmol/L	138.0-160.0	
Electrolytes	K+	5.2	mmol/L	3.5-5.9	
Electrolytes	Na/K	27.3			
Electrolytes	Cl-	104.2	mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0	ICT(Jaundice degree):	0
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The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

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Report Explan.

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.

ALT



Increase is commonly associated with liver injury and muscle injury, etc.

AMY



Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.

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.

TC



Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticism, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism, 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.

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