

Twinkle Test report



Patient:	Twinkle	Species:	Canine	Patient ID:	250614145
Client:	Melgie Dela Cruz	Gender:	Female	Age:	6Y

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.

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.

Time of Printing:2025-10-17 16:48:16



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Immunoassay test report



Patient:	Twinkle	Species:	Canine	Patient ID:	250614145
Client:	Melgie Dela Cruz	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	6Y	Time of analysis:	2025/10/17 16:47

Lab item	Current result	Ref. Ranges	2025/07/15
cSDMA	↑ 64.9	µg/dL 0.0-14.0	33.5

Operator:

Report Explan.

cSDMA

Result indications:

<14.0 ug/dL Normal

14.0-20.0 ug/dL Suspected

>20.0 ug/dL Abnormal

Clinical significance:

cSDMA is an early biomarker of progressive kidney injury, and an increase may indicate impaired renal function.

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Test Instrument: Mindray vetXpert I3 Time of Printing: 2025-10-17 16:48:17



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Biochemistry test report



Patient:	Twinkle	Species:	Canine	Patient ID:	250614145
Client:	Melgie Dela Cruz	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	6Y	Time of analysis:	2025/10/17 16:46

Item		Current result		Ref. Ranges		2025/07/15
Protein	TP	7.24	g/dL	5.31-7.92		7.63
Protein	ALB	2.39	g/dL	2.34-4.00		2.27
Protein	GLOB	4.85	g/dL	2.54-5.20		5.36
Protein	A/G	0.5				0.4
Kidneys	BUN	↑ 126.53	mg/dL	7.02-27.45		114.23
Kidneys	CREA	↑ 4.94	mg/dL	0.23-1.40		3.70
Kidneys	BUN/CREA	25.5				30.8
Minerals	Ca	11.21	mg/dL	8.40-11.88		11.08
Minerals	PHOS	3.99	mg/dL	2.48-6.81		3.89
Minerals	CaxP	3.61	mmol/L^2			3.48
Electrolytes	Na+	↓ 134.7	mmol/L	138.0-160.0		
Electrolytes	K+	4.2	mmol/L	3.5-5.9		
Electrolytes	Na/K	32.3				
Electrolytes	Cl-	↓ 94.9	mmol/L	102.7-125.0		

Operator:

Kidney Recheck 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.

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.

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.

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The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5 Time of Printing: 2025-10-17 16:48:19



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