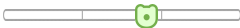


Immunoassay test report



Patient:	Luffy	Species:	Canine	Patient ID:	260416002
Client:	Arlou Mark Uy	Gender:	Male	Sample No.:	0000002
Doctor:		Age:	7Y	Time of analysis:	2026/04/16 16:14

Lab item	Current result	Ref. Ranges
cSDMA	12.0	µg/dL 0.0-14.0 

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.

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 I3

Time of Printing: 2026-04-16 17:48:20



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Biochemistry test report

Patient: Luffy Species: Canine Patient ID: 260416002
 Client: Arlou Mark Uy Gender: Male Sample No.: 0000002
 Doctor: Age: 7Y Time of analysis: 2026/04/16 16:14

Item	Current result	Ref. Ranges
Protein TP ↓ 4.47 g/dL	5.31-7.92	
Protein ALB ↓ 1.74 g/dL	2.34-4.00	
Protein GLOB 2.73 g/dL	2.54-5.20	
Protein A/G 0.6		
Liver and gallbladder ALT 24.9 U/L	10.1-100.3	
Liver and gallbladder AST 19.6 U/L	0.0-51.7	
Liver and gallbladder AST/ALT 0.79		
Liver and gallbladder ALP 81.2 U/L	15.5-212.0	
Liver and gallbladder GGT <2.0 U/L	0.0-15.9	
Liver and gallbladder TBIL <0.10 mg/dL	0.00-0.88	
Liver and gallbladder TBA 1.1 μmol/L	0.0-30.0	
Pancreas AMY 897.1 U/L	397.7-1285.1	
Pancreas LIPA-D 32.2 U/L	0.0-120.0	
Kidneys BUN ↓ 4.40 mg/dL	7.02-27.45	
Kidneys CREA 0.49 mg/dL	0.23-1.40	
Kidneys BUN/CREA 8.9		
Cardiovasc./Muscle CK 78.6 U/L	66.4-257.5	
Cardiovasc./Muscle LDH 60.4 U/L	0.0-143.6	
Energy metabolism GLU 74.0 mg/dL	68.5-135.2	
Energy metabolism TC 126.9 mg/dL	103.2-324.1	
Energy metabolism TG 57.6 mg/dL	8.9-115.1	
Minerals Ca ↓ 6.43 mg/dL	8.40-11.88	
Minerals PHOS 3.17 mg/dL	2.48-6.81	
Minerals CaxP 1.65 mmol/L^2		
Minerals Mg ↓ 1.19 mg/dL	1.29-2.58	
Electrolytes Na+ ↓ 121.9 mmol/L	138.0-160.0	
Electrolytes K+ ↓ 2.5 mmol/L	3.5-5.9	
Electrolytes Na/K 49.7		
Electrolytes Cl- ↓ 81.4 mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel

QC QC Fail

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

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

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Biochemistry test report



Patient:	Luffy	Species:	Canine	Patient ID:	260416002
Client:	Arlou Mark Uy	Gender:	Male	Sample No.:	0000002
Doctor:		Age:	7Y	Time of analysis:	2026/04/16 16:14



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.

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.

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.

Mg



Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, 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 hypercorticalism, 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.

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: 2026-04-16 17:48:22



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