

Immunoassay test report



Patient:	Lucca	Species:	Canine	Patient ID:	260420002
Client:	Toti Singson	Gender:	Female	Sample No.:	0000002
Doctor:		Age:	11Y	Time of analysis:	2026/04/20 15:52

Lab item	Current result	Ref. Ranges
cSDMA	↑ 16.9	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: 2026-04-30 11:21:37



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Biochemistry test report



Patient: Lucca Species: Canine Patient ID: 260420002
 Client: Toti Singson Gender: Female Sample No.: 0000002
 Doctor: Age: 11Y Time of analysis: 2026/04/20 15:40

Item	Current result	Ref. Ranges
Protein TP ↑ 8.16 g/dL	5.31-7.92	
Protein ALB ↓ 2.32 g/dL	2.34-4.00	
Protein GLOB ↑ 5.84 g/dL	2.54-5.20	
Protein A/G 0.4		
Liver and gallbladder ALT 32.3 U/L	10.1-100.3	
Liver and gallbladder AST 23.9 U/L	0.0-51.7	
Liver and gallbladder AST/ALT 0.74		
Liver and gallbladder ALP ↓ 10.7 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 1.0 μmol/L	0.0-30.0	
Pancreas AMY 822.0 U/L	397.7-1285.1	
Pancreas LIPA-D 99.4 U/L	0.0-120.0	
Kidneys BUN 10.25 mg/dL	7.02-27.45	
Kidneys CREA 0.58 mg/dL	0.23-1.40	
Kidneys BUN/CREA 17.5		
Cardiovasc./Muscle CK 101.2 U/L	66.4-257.5	
Cardiovasc./Muscle LDH 48.5 U/L	0.0-143.6	
Energy metabolism GLU 97.3 mg/dL	68.5-135.2	
Energy metabolism TC 187.6 mg/dL	103.2-324.1	
Energy metabolism TG 71.7 mg/dL	8.9-115.1	
Minerals Ca ↓ 6.04 mg/dL	8.40-11.88	
Minerals PHOS 3.39 mg/dL	2.48-6.81	
Minerals CaxP 1.65 mmol/L ²		
Minerals Mg ↓ 1.03 mg/dL	1.29-2.58	
Electrolytes Na+ 143.6 mmol/L	138.0-160.0	
Electrolytes K+ ↑ 7.1 mmol/L	3.5-5.9	
Electrolytes Na/K 20.2		
Electrolytes Cl- 109.0 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

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

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Biochemistry test report



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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.

ALP



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, 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.

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.

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