

Immunoassay test report



Patient:	Tofu	Species:	Canine	Patient ID:	260904002
Client:	Kim Ico	Gender:	Male	Sample No.:	0000002
Doctor:		Age:	4Y	Time of analysis:	2026/09/04 11:19

Lab item	Current result		Ref. Ranges	
cSDMA	10.5	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: 2026-09-04 12:59:46



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Biochemistry test report



Patient:	Tofu	Species:	Canine	Patient ID:	260904002
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Doctor:		Age:	4Y	Time of analysis:	2026/09/04 11:19

Item		Current result		Ref. Ranges	
Protein	TP	↑	8.62	g/dL	5.20-8.20
Protein	ALB		3.01	g/dL	2.10-4.00
Protein	GLOB	↑	5.61	g/dL	2.54-5.20
Protein	A/G		0.5		
Liver and gallbladder	ALT		85.2	U/L	10.1-100.3
Liver and gallbladder	AST		40.4	U/L	0.0-51.7
Liver and gallbladder	AST/ALT		0.47		
Liver and gallbladder	ALP		41.6	U/L	15.5-212.0
Liver and gallbladder	GGT		7.4	U/L	0.0-15.9
Liver and gallbladder	TBIL		<0.10	mg/dL	0.00-0.88
Liver and gallbladder	TBA		14.4	μmol/L	0.0-30.0
Pancreas	AMY		593.0	U/L	397.7-1285.1
Pancreas	LIPA-D		19.4	U/L	0.0-100.0
Kidneys	BUN		14.42	mg/dL	7.02-27.45
Kidneys	CREA		0.57	mg/dL	0.23-1.40
Kidneys	BUN/CREA		25.4		
Cardiovasc./Muscle	CK		210.9	U/L	66.4-257.5
Cardiovasc./Muscle	LDH	↑	286.1	U/L	0.0-143.6
Energy metabolism	GLU		97.2	mg/dL	68.5-135.2
Energy metabolism	TC		118.0	mg/dL	103.2-324.1
Energy metabolism	TG		30.8	mg/dL	8.9-115.1
Minerals	Ca		9.70	mg/dL	8.40-11.88
Minerals	PHOS		2.29	mg/dL	2.17-6.81
Minerals	CaxP		1.80	(mmol/L) ²	
Minerals	Mg		1.63	mg/dL	1.29-2.58
Electrolytes	Na+		138.4	mmol/L	138.0-160.0
Electrolytes	K+	↓	3.2	mmol/L	3.5-5.9
Electrolytes	Na/K		42.9		
Electrolytes	Cl-		102.9	mmol/L	100.7-125.0

LIPA-D: 0.0-100.0 U/L Negative 100.0-200.0 U/L Suspected >200.0 U/L Positive

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.

TP



Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.

GLOB



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

LDH



Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, 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 hypercorticism, etc.

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