

Biochemistry test report



Patient:	Mimi	Species:	Canine	Patient ID:	260725003
Client:	Mac Esman	Gender:	Female	Sample No.:	0000003
Doctor:		Age:	6Y	Time of analysis:	2026/07/25 14:21

Item		Current result		Ref. Ranges	
Protein	TP	7.48	g/dL	5.20-8.20	
Protein	ALB	2.16	g/dL	2.10-4.00	
Protein	GLOB	↑ 5.32	g/dL	2.54-5.20	
Protein	A/G	0.4			
Liver and gallbladder	ALT	18.8	U/L	10.1-100.3	
Liver and gallbladder	AST	42.3	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	2.25			
Liver and gallbladder	ALP	130.5	U/L	15.5-212.0	
Liver and gallbladder	GGT	6.9	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	6.0	μmol/L	0.0-30.0	
Pancreas	AMY	672.5	U/L	397.7-1285.1	
Pancreas	LIPA-D	43.9	U/L	0.0-100.0	
Kidneys	BUN	19.48	mg/dL	7.02-27.45	
Kidneys	CREA	0.90	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	21.5			
Cardiovasc./Muscle	CK	75.4	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↑ 282.7	U/L	0.0-143.6	
Energy metabolism	GLU	72.5	mg/dL	68.5-135.2	
Energy metabolism	TC	↑ 362.5	mg/dL	103.2-324.1	
Energy metabolism	TG	↑ 115.8	mg/dL	8.9-115.1	
Minerals	Ca	8.84	mg/dL	8.40-11.88	
Minerals	PHOS	2.82	mg/dL	2.17-6.81	
Minerals	CaxP	2.01	(mmol/L) ²		
Minerals	Mg	1.38	mg/dL	1.29-2.58	
Electrolytes	Na+	141.4	mmol/L	138.0-160.0	
Electrolytes	K+	↓ 3.4	mmol/L	3.5-5.9	
Electrolytes	Na/K	41.8			
Electrolytes	Cl-	101.3	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

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2026-07-25 14:22:36



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Report Explan.

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.

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.

TG



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, 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.

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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Immunoassay test report



Patient:	Mimi	Species:	Canine	Patient ID:	260725003
Client:	Mac Esman	Gender:	Female	Sample No.:	0000003
Doctor:		Age:	6Y	Time of analysis:	2026/07/25 14:21

Lab item	Current result		Ref. Ranges	
cSDMA	↑	22.0	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: 2026-07-25 14:22:38



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