

Biochemistry test report



Patient:	Kiwie	Species:	Canine	Patient ID:	260908001
Client:	Kristine Tamayao	Gender:	Male	Sample No.:	0000001
Doctor:		Age:	3Y	Time of analysis:	2026/09/08 11:09

Item		Current result		Ref. Ranges	
Protein	TP	7.53	g/dL	5.20-8.20	
Protein	ALB	2.52	g/dL	2.10-4.00	
Protein	GLOB	5.01	g/dL	2.54-5.20	
Protein	A/G	0.5			
Liver and gallbladder	ALT	44.1	U/L	10.1-100.3	
Liver and gallbladder	AST	28.4	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.64			
Liver and gallbladder	ALP	159.4	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	26.6	μmol/L	0.0-30.0	
Pancreas	AMY	869.7	U/L	397.7-1285.1	
Pancreas	LIPA-D	14.4	U/L	0.0-100.0	
Kidneys	BUN	10.71	mg/dL	7.02-27.45	
Kidneys	CREA	0.41	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	25.9			
Cardiovasc./Muscle	CK	93.4	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	82.8	U/L	0.0-143.6	
Energy metabolism	GLU	84.7	mg/dL	68.5-135.2	
Energy metabolism	TC	180.4	mg/dL	103.2-324.1	
Energy metabolism	TG	45.9	mg/dL	8.9-115.1	
Minerals	Ca	9.30	mg/dL	8.40-11.88	
Minerals	PHOS	3.59	mg/dL	2.17-6.81	
Minerals	CaxP	2.69	(mmol/L) ²		
Minerals	Mg	↓ 1.26	mg/dL	1.29-2.58	
Electrolytes	Na+	138.2	mmol/L	138.0-160.0	
Electrolytes	K+	4.0	mmol/L	3.5-5.9	
Electrolytes	Na/K	34.3			
Electrolytes	Cl-	106.0	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:2026-09-08 13:55:18



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Report Explan.

Mg



Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, 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:	Kiwie	Species:	Canine	Patient ID:	260908001
Client:	Kristine Tamayao	Gender:	Male	Sample No.:	0000001
Doctor:		Age:	3Y	Time of analysis:	2026/09/08 11:08

Lab item	Current result		Ref. Ranges	
cSDMA	↑	20.8	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: 2026-09-08 13:55:20



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