

Ciara Test report



Patient:	Ciara	Species:	Canine	Patient ID:	260725002
Client:	Pia Gonzales	Gender:	Female	Age:	5Y

AI Aided Diag. Explan.

It is recommended to add symmetric dimethylarginine (SDMA), urinary protein to creatinine ratio (UPC), urinary specific gravity (SG), and imaging examinations to identify the cause and grading of renal dysfunction, based on clinical manifestations and medical history.

It is recommended to add liver and kidney panel tests, electrolytes, myocardial enzyme spectrum (N-terminal pro-brain natriuretic peptide, cardiac troponin I), electrocardiogram, and ultrasound-related examinations to evaluate the animal's overall muscle health status, based on clinical manifestations and medical history.

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:	Ciara	Species:	Canine	Patient ID:	260725002
Client:	Pia Gonzales	Gender:	Female	Sample No.:	0000002
Doctor:		Age:	5Y	Time of analysis:	2026/07/25 15:28

Lab item	Current result		Ref. Ranges	
cSDMA	↑	>99.0	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.

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Test Instrument: Mindray vetXpert I3 Time of Printing: 2026-07-25 15:37:26



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Biochemistry test report



Patient: Ciara Species: Canine Patient ID: 260725002
Client: Pia Gonzales Gender: Female Sample No.: 0000002
Doctor: Age: 5Y Time of analysis: 2026/07/25 15:28

Item		Current result		Ref. Ranges	
Protein	TP	6.96	g/dL	5.20-8.20	
Protein	ALB	2.56	g/dL	2.10-4.00	
Protein	GLOB	4.40	g/dL	2.54-5.20	
Protein	A/G	0.6			
Liver and gallbladder	ALT	↑ 712.5	U/L	10.1-100.3	
Liver and gallbladder	AST	↑ 269.4	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.38			
Liver and gallbladder	ALP	175.1	U/L	15.5-212.0	
Liver and gallbladder	GGT	8.5	U/L	0.0-15.9	
Liver and gallbladder	TBIL	↑ 2.71	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	15.8	μmol/L	0.0-30.0	
Pancreas	AMY	1076.7	U/L	397.7-1285.1	
Pancreas	LIPA-D	↑ >500.0	U/L	0.0-100.0	
Kidneys	BUN	↑ >182.65	mg/dL	7.02-27.45	
Kidneys	CREA	↑ 9.45	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	****			
Cardiovasc./Muscle	CK	↑ 944.7	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↑ 738.2	U/L	0.0-143.6	
Energy metabolism	GLU	↑ 250.3	mg/dL	68.5-135.2	
Energy metabolism	TC	243.2	mg/dL	103.2-324.1	
Energy metabolism	TG	92.6	mg/dL	8.9-115.1	
Minerals	Ca	↓ 8.20	mg/dL	8.40-11.88	
Minerals	PHOS	↑ 18.67	mg/dL	2.17-6.81	
Minerals	CaxP	12.35	(mmol/L) ²		
Minerals	Mg	↑ 3.50	mg/dL	1.29-2.58	
Electrolytes	Na+	138.3	mmol/L	138.0-160.0	
Electrolytes	K+	4.0	mmol/L	3.5-5.9	
Electrolytes	Na/K	34.3			
Electrolytes	Cl-	↓ 75.1	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): 1+



Report Explan.

ALT



Increase is commonly associated with liver injury and muscle injury, etc.

The results only applies to this test sample.

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Biochemistry test report



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Client:	Pia Gonzales	Gender:	Female	Sample No.:	0000002
Doctor:		Age:	5Y	Time of analysis:	2026/07/25 15:28

Report Explan.		
AST	↑	Increase is commonly associated with liver injury and muscle injury, etc.
TBIL	↑	Increase is commonly associated with hemolysis and hepatobiliary dysfunction. Reduction is commonly associated with decreased erythropoiesis, etc.
LIPA-D	↑	Increase is commonly associated with pancreatitis, pancreatic tumor, etc.
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.
CREA	↑	Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, etc.
CK	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.
LDH	↑	Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.
GLU	↑	Increase is commonly associated with diabetes and hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, 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.
PHOS	↑	Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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.
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.

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