

Kayne Test report



Patient:	Kayne	Species:	Canine	Patient ID:	260215001
Client:	Sheila Bauzon	Gender:	Male	Age:	6Y

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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Biochemistry test report



Patient: Kayne Species: Canine Patient ID: 260215001
 Client: Sheila Bauzon Gender: Male Sample No.: 0000001
 Doctor: Age: 6Y Time of analysis: 2026/02/15 10:26

Item	Current result	Ref. Ranges
Protein TP	5.79 g/dL	5.31-7.92
Protein ALB	2.60 g/dL	2.34-4.00
Protein GLOB	3.19 g/dL	2.54-5.20
Protein A/G	0.8	
Liver and gallbladder ALT	↑ 231.3 U/L	10.1-100.3
Liver and gallbladder AST	↑ 198.5 U/L	0.0-51.7
Liver and gallbladder AST/ALT	0.86	
Liver and gallbladder ALP	↑ 796.1 U/L	15.5-212.0
Liver and gallbladder GGT	↑ 91.0 U/L	0.0-15.9
Liver and gallbladder TBIL	0.40 mg/dL	0.00-0.88
Liver and gallbladder TBA	15.6 μmol/L	0.0-30.0
Pancreas AMY	↑ 1822.8 U/L	397.7-1285.1
Kidneys BUN	↑ 81.21 mg/dL	7.02-27.45
Kidneys CREA	↑ 1.85 mg/dL	0.23-1.40
Kidneys BUN/CREA	43.7	
Cardiovasc./Muscle CK	↑ 353.5 U/L	66.4-257.5
Cardiovasc./Muscle LDH	↑ 525.7 U/L	0.0-143.6
Energy metabolism GLU	↑ 173.7 mg/dL	68.5-135.2
Energy metabolism TC	169.3 mg/dL	103.2-324.1
Energy metabolism TG	↑ 143.7 mg/dL	8.9-115.1
Minerals Ca	10.89 mg/dL	8.40-11.88
Minerals PHOS	5.17 mg/dL	2.48-6.81
Minerals CaxP	4.54 mmol/L ²	
Minerals Mg	2.18 mg/dL	1.29-2.58
Electrolytes Na+	139.4 mmol/L	138.0-160.0
Electrolytes K+	5.6 mmol/L	3.5-5.9
Electrolytes Na/K	24.9	
Electrolytes Cl-	↓ 100.4 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



Report Explain.

- ALT** ↑ Increase is commonly associated with liver injury and muscle injury, etc.
- AST** ↑ Increase is commonly associated with liver injury and muscle injury, etc.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-02-15 10:31:02



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Biochemistry test report



Patient:	Kayne	Species:	Canine	Patient ID:	260215001
Client:	Sheila Bauzon	Gender:	Male	Sample No.:	0000001
Doctor:		Age:	6Y	Time of analysis:	2026/02/15 10:26



Report Explan.

ALP



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

GGT



Elevated is commonly associated with bile duct injury or cholestasis, etc.

AMY



Increase is commonly associated with gastroenteritis, 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.

TG



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, 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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Test Instrument: Mindray vetXpert C5

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Immunoassay test report

Patient:	Kayne	Species:	Canine	Patient ID:	260215001
Client:	Sheila Bauzon	Gender:	Male	Sample No.:	0000001
Doctor:		Age:	6Y	Time of analysis:	2026/02/15 10:25

Lab item	Current result	Ref. Ranges
cSDMA	↑ 34.4	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

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