

Biochemistry test report



Patient: Mero Species: Canine Patient ID: 260219001
 Client: Menard Nava Gender: Male Sample No.: 0000001
 Doctor: Age: 5Y Time of analysis: 2026/02/19 10:18

Item	Current result	Ref. Ranges
Protein TP	7.49 g/dL	5.31-7.92
Protein ALB	3.43 g/dL	2.34-4.00
Protein GLOB	4.06 g/dL	2.54-5.20
Protein A/G	0.8	
Liver and gallbladder ALT	↑ 299.6 U/L	10.1-100.3
Liver and gallbladder AST	↑ 166.4 U/L	0.0-51.7
Liver and gallbladder AST/ALT	0.56	
Liver and gallbladder ALP	111.9 U/L	15.5-212.0
Liver and gallbladder GGT	<2.0 U/L	0.0-15.9
Liver and gallbladder TBIL	0.26 mg/dL	0.00-0.88
Liver and gallbladder TBA	3.5 μmol/L	0.0-30.0
Pancreas AMY	↑ 1516.6 U/L	397.7-1285.1
Kidneys BUN	↑ >182.65 mg/dL	7.02-27.45
Kidneys CREA	↑ 17.14 mg/dL	0.23-1.40
Kidneys BUN/CREA	****	
Cardiovasc./Muscle CK	↑ >2500.0 U/L	66.4-257.5
Cardiovasc./Muscle LDH	↑ 194.8 U/L	0.0-143.6
Energy metabolism GLU	↑ 305.2 mg/dL	68.5-135.2
Energy metabolism TC	248.3 mg/dL	103.2-324.1
Energy metabolism TG	86.2 mg/dL	8.9-115.1
Minerals Ca	↓ 7.93 mg/dL	8.40-11.88
Minerals PHOS	↑ >20.13 mg/dL	2.48-6.81
Minerals CaxP	****	mmol/L ²
Minerals Mg	↑ 5.10 mg/dL	1.29-2.58
Electrolytes Na+	142.1 mmol/L	138.0-160.0
Electrolytes K+	4.5 mmol/L	3.5-5.9
Electrolytes Na/K	31.9	
Electrolytes Cl-	103.4 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: 2026-02-19 18:04:36



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Report Explan.

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.
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.

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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