



# Biochemistry test report

Patient: Inyaki Species: Canine Patient ID: 260513001  
 Client: Mary Anne Dingle Gender: Male Sample No.: 0000001  
 Doctor: Age: 14Y Time of analysis: 2026/05/13 12:06

Item	Current result	Ref. Ranges
Protein <b>TP</b>	7.12 g/dL	5.20-8.20
Protein <b>ALB</b>	↓ 1.99 g/dL	2.10-4.00
Protein <b>GLOB</b>	5.13 g/dL	2.54-5.20
Protein <b>A/G</b>	0.4	
Liver and gallbladder <b>ALT</b>	25.0 U/L	10.1-100.3
Liver and gallbladder <b>AST</b>	19.9 U/L	0.0-51.7
Liver and gallbladder <b>AST/ALT</b>	0.80	
Liver and gallbladder <b>ALP</b>	187.8 U/L	15.5-212.0
Liver and gallbladder <b>GGT</b>	7.6 U/L	0.0-15.9
Liver and gallbladder <b>TBIL</b>	0.84 mg/dL	0.00-0.88
Liver and gallbladder <b>TBA</b>	7.1 μmol/L	0.0-30.0
Pancreas <b>AMY</b>	1061.5 U/L	397.7-1285.1
Pancreas <b>LIPA-D</b>	↑ 127.0 U/L	0.0-100.0
Kidneys <b>BUN</b>	↑ >182.65 mg/dL	7.02-27.45
Kidneys <b>CREA</b>	↑ 12.95 mg/dL	0.23-1.40
Kidneys <b>BUN/CREA</b>	****	
Cardiovasc./Muscle <b>CK</b>	106.7 U/L	66.4-257.5
Cardiovasc./Muscle <b>LDH</b>	104.2 U/L	0.0-143.6
Energy metabolism <b>GLU</b>	118.0 mg/dL	68.5-135.2
Energy metabolism <b>TC</b>	↑ 335.7 mg/dL	103.2-324.1
Energy metabolism <b>TG</b>	↑ 116.7 mg/dL	8.9-115.1
Minerals <b>Ca</b>	↓ 6.91 mg/dL	8.40-11.88
Minerals <b>PHOS</b>	↑ >20.13 mg/dL	2.17-6.81
Minerals <b>CaxP</b>	****	(mmol/L) <sup>2</sup>
Minerals <b>Mg</b>	↑ 3.09 mg/dL	1.29-2.58
Electrolytes <b>Na+</b>	144.6 mmol/L	138.0-160.0
Electrolytes <b>K+</b>	5.5 mmol/L	3.5-5.9
Electrolytes <b>Na/K</b>	26.3	
Electrolytes <b>Cl-</b>	106.4 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: 2026-05-13 12:08:32



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 AND GROOMING CENTER  
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# Biochemistry test report



Patient:	Inyaki	Species:	Canine	Patient ID:	260513001
Client:	Mary Anne Dingle	Gender:	Male	Sample No.:	0000001
Doctor:		Age:	14Y	Time of analysis:	2026/05/13 12:06



## Report Explan.

<b>ALB</b>	↓	Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.
<b>LIPA-D</b>	↑	Increase is commonly associated with pancreatitis, pancreatic tumor, etc.
<b>BUN</b>	↑	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.
<b>CREA</b>	↑	Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, etc.
<b>TC</b>	↑	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.
<b>TG</b>	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, etc.
<b>Ca</b>	↓	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.
<b>PHOS</b>	↑	Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, etc.
<b>Mg</b>	↑	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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