

Toby Test report



Patient:	Toby	Species:	Canine	Patient ID:	260223002
Client:	Sheila Mae Rico	Gender:	Male	Age:	9Y

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.

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: Toby Species: Canine Patient ID: 260223002
 Client: Sheila Mae Rico Gender: Male Sample No.: 0000002
 Doctor: Age: 9Y Time of analysis: 2026/02/23 12:47

Item	Current result	Ref. Ranges
Protein TP	6.33 g/dL	5.31-7.92
Protein ALB	2.00 g/dL	2.34-4.00
Protein GLOB	4.33 g/dL	2.54-5.20
Protein A/G	0.5	
Liver and gallbladder ALT	35.6 U/L	10.1-100.3
Liver and gallbladder AST	32.1 U/L	0.0-51.7
Liver and gallbladder AST/ALT	0.90	
Liver and gallbladder ALP	33.9 U/L	15.5-212.0
Liver and gallbladder GGT	<2.0 U/L	0.0-15.9
Liver and gallbladder TBIL	0.14 mg/dL	0.00-0.88
Liver and gallbladder TBA	2.3 μmol/L	0.0-30.0
Pancreas AMY	>4000.0 U/L	397.7-1285.1
Kidneys BUN	>182.65 mg/dL	7.02-27.45
Kidneys CREA	8.01 mg/dL	0.23-1.40
Kidneys BUN/CREA	****	
Cardiovasc./Muscle CK	107.2 U/L	66.4-257.5
Cardiovasc./Muscle LDH	100.7 U/L	0.0-143.6
Energy metabolism GLU	109.2 mg/dL	68.5-135.2
Energy metabolism TC	356.0 mg/dL	103.2-324.1
Energy metabolism TG	109.0 mg/dL	8.9-115.1
Minerals Ca	6.82 mg/dL	8.40-11.88
Minerals PHOS	>20.13 mg/dL	2.48-6.81
Minerals CaxP	****	mmol/L^2
Minerals Mg	3.01 mg/dL	1.29-2.58
Electrolytes Na+	154.4 mmol/L	138.0-160.0
Electrolytes K+	5.3 mmol/L	3.5-5.9
Electrolytes Na/K	29.0	
Electrolytes Cl-	117.6 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.

ALB ↓

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.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

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Biochemistry test report



Patient:	Toby	Species:	Canine	Patient ID:	260223002
Client:	Sheila Mae Rico	Gender:	Male	Sample No.:	0000002
Doctor:		Age:	9Y	Time of analysis:	2026/02/23 12:47



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.
TC	↑	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.
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.

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Immunoassay test report

Patient:	Toby	Species:	Canine	Patient ID:	260223002
Client:	Sheila Mae Rico	Gender:	Male	Sample No.:	0000002
Doctor:		Age:	9Y	Time of analysis:	2026/02/23 12:47

Lab item	Current result	Ref. Ranges
cSDMA	↑ 82.6	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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