

Patty Test report



Patient:	Patty	Species:	Feline	Patient ID:	260603001
Client:	Novelyn Nicholson	Gender:	Male	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.

Time of Printing:2026-06-03 13:20:45



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Biochemistry test report

Patient: Patty Species: Feline Patient ID: 260603001
 Client: Novelyn Nicholson Gender: Male Sample No.: 0000001
 Doctor: Age: 5Y Time of analysis: 2026/06/03 10:14

Item	Current result	Ref. Ranges
Protein TP ↑ -	9.00 g/dL	5.65-8.85
Protein ALB ↓	1.95 g/dL	2.20-4.00
Protein GLOB ↑	7.05 g/dL	2.82-5.58
Protein A/G	0.3	
Liver and gallbladder ALT	91.3 U/L	12.0-149.2
Liver and gallbladder AST ↑	102.3 U/L	0.0-60.0
Liver and gallbladder AST/ALT	1.12	
Liver and gallbladder ALP ↓ -	<5.0 U/L	8.7-110.9
Liver and gallbladder GGT	<2.0 U/L	0.0-8.2
Liver and gallbladder TBIL ↑	14.03 mg/dL	0.00-0.88
Liver and gallbladder TBA	20.0 μmol/L	0.0-20.0
Pancreas AMY	1672.2 U/L	555.6-1940.0
Pancreas LIPA-D	19.9 U/L	0.0-20.0
Kidneys BUN ↑	105.62 mg/dL	12.79-32.06
Kidneys CREA ↑	2.07 mg/dL	0.32-2.03
Kidneys BUN/CREA	50.9	
Cardiovas./Muscle CK ↑	1936.5 U/L	66.1-530.9
Cardiovas./Muscle LDH ↑	>1400.0 U/L	0.0-334.2
Energy metabolism GLU	86.0 mg/dL	61.1-151.2
Energy metabolism TC ↓ -	67.8 mg/dL	72.3-225.8
Energy metabolism TG	72.3 mg/dL	8.9-115.1
Minerals Ca ↓	7.73 mg/dL	8.40-11.16
Minerals PHOS ↑	9.25 mg/dL	2.48-8.42
Minerals CaxP	5.77 (mmol/L) ²	
Minerals Mg ↑	4.59 mg/dL	1.60-2.96
Electrolytes Na+	152.2 mmol/L	141.0-166.0
Electrolytes K+	5.7 mmol/L	3.5-5.9
Electrolytes Na/K	26.5	
Electrolytes Cl-	125.7 mmol/L	102.4-129.0

LIPA-D: 0.0-20.0 U/L Negative 20.0-30.0 U/L Suspected >30.0 U/L Positive

Operator:

Comprehensive Diagnosis Panel		QC QC OK	
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	1+
		ICT(Jaundice degree):	3+

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-06-03 13:20:47



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Biochemistry test report



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Client:	Novelyn Nicholson	Gender:	Male	Sample No.:	0000001
Doctor:		Age:	5Y	Time of analysis:	2026/06/03 10:14



Report Explan.

TP	↑	Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.
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.
GLOB	↑	Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.
AST	↑	Increase is commonly associated with liver injury and muscle injury, etc.
ALP	↓	Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.
TBIL	↑	Increase is commonly associated with hemolysis and hepatobiliary dysfunction. Reduction is commonly associated with decreased erythropoiesis, 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.
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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