

# Irish Test report



Patient:	Irish	Species:	Feline	Patient ID:	260515001
Client:	Randy Romero	Gender:	Female	Age:	6Y

## AI Aided Diag. Explan.

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:2026-05-15 10:02:56



PET DOCTORS VETERINARY CLINIC  
AND GROOMING CENTER  
Calasiao Pangasinan

Global Pioneer of Comprehensive Animal Medical Solutions  
Better healthcare for all - Since 1991

**mindray**  
animal medical

# Biochemistry test report



Patient: Irish Species: Feline Patient ID: 260515001  
 Client: Randy Romero Gender: Female Sample No.: 0000001  
 Doctor: Age: 6Y Time of analysis: 2026/05/15 09:36

Item	Current result	Ref. Ranges
Protein <b>TP</b> ↓	<b>5.32</b> g/dL	5.65-8.85
Protein <b>ALB</b> ↓	<b>1.92</b> g/dL	2.20-4.00
Protein <b>GLOB</b>	<b>3.40</b> g/dL	2.82-5.58
Protein <b>A/G</b>	<b>0.6</b>	
Liver and gallbladder <b>ALT</b>	<b>122.6</b> U/L	12.0-149.2
Liver and gallbladder <b>AST</b> ↑	<b>573.1</b> U/L	0.0-60.0
Liver and gallbladder <b>AST/ALT</b>	<b>4.68</b>	
Liver and gallbladder <b>ALP</b>	<b>82.3</b> U/L	8.7-110.9
Liver and gallbladder <b>GGT</b>	<b>&lt;2.0</b> U/L	0.0-8.2
Liver and gallbladder <b>TBIL</b>	<b>0.86</b> mg/dL	0.00-0.88
Liver and gallbladder <b>TBA</b> ↑	<b>32.6</b> μmol/L	0.0-20.0
Pancreas <b>AMY</b>	<b>732.8</b> U/L	555.6-1940.0
Pancreas <b>LIPA-D</b>	<b>19.7</b> U/L	0.0-20.0
Kidneys <b>BUN</b> ↓	<b>11.71</b> mg/dL	12.79-32.06
Kidneys <b>CREA</b>	<b>0.43</b> mg/dL	0.32-2.03
Kidneys <b>BUN/CREA</b>	<b>26.9</b>	
Cardiovas./Muscle <b>CK</b> ↑	<b>&gt;2500.0</b> U/L	66.1-530.9
Cardiovas./Muscle <b>LDH</b> ↑	<b>1370.5</b> U/L	0.0-334.2
Energy metabolism <b>GLU</b> ↑	<b>198.0</b> mg/dL	61.1-151.2
Energy metabolism <b>TC</b>	<b>146.0</b> mg/dL	72.3-225.8
Energy metabolism <b>TG</b> ↑	<b>123.9</b> mg/dL	8.9-115.1
Minerals <b>Ca</b> ↓	<b>7.69</b> mg/dL	8.40-11.16
Minerals <b>PHOS</b> ↓	<b>1.73</b> mg/dL	2.48-8.42
Minerals <b>CaxP</b>	<b>1.07</b> (mmol/L) <sup>2</sup>	
Minerals <b>Mg</b> ↓	<b>1.39</b> mg/dL	1.60-2.96
Electrolytes <b>Na+</b> ↓	<b>139.5</b> mmol/L	141.0-166.0
Electrolytes <b>K+</b>	<b>4.7</b> mmol/L	3.5-5.9
Electrolytes <b>Na/K</b>	<b>29.4</b>	
Electrolytes <b>Cl-</b> ↓	<b>101.5</b> 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):	0
		ICT(Jaundice degree):	0

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-05-15 10:02:57



PET DOCTORS VETERINARY CLINIC  
 AND GROOMING CENTER  
 Calasiao Pangasinan

Global Pioneer of Comprehensive Animal Medical Solutions  
 Better healthcare for all - Since 1991

**mindray**  
 animal medical

# Biochemistry test report



Patient:	Irish	Species:	Feline	Patient ID:	260515001
Client:	Randy Romero	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	6Y	Time of analysis:	2026/05/15 09:36



## Report Explan.

<b>TP</b>	↓	Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.
<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>AST</b>	↑	Increase is commonly associated with liver injury and muscle injury, etc.
<b>TBA</b>	↑	Increase is commonly associated with hepatic insufficiency or failure, portal vein shunt, and cholestasis, etc. Reduction is commonly associated with long-term fasting and intestinal malabsorption, 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>CK</b>	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.
<b>LDH</b>	↑	Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.
<b>GLU</b>	↑	Increase is commonly associated with diabetes and hypercorticalismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.
<b>TG</b>	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticalismus, 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.
<b>Na+</b>	↓	Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, hyperaldosteronism, and severe dehydration, etc. Reduction is commonly associated with hypoadrenocorticism, diuretic therapy, etc.
<b>Cl-</b>	↓	Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, diuretic therapy, 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.

Test Instrument: Mindray vetXpert C5 Time of Printing: 2026-05-15 10:02:57



PET DOCTORS VETERINARY CLINIC  
AND GROOMING CENTER  
Calasiao Pangasinan

Global Pioneer of Comprehensive Animal Medical Solutions  
Better healthcare for all - Since 1991

**mindray**  
animal medical