

# Biochemistry test report



Patient: Pagani Species: Feline Patient ID: 260405004  
 Client: Rachele Delatonio Gender: Male Sample No.: 0000004  
 Doctor: Age: 7Y Time of analysis: 2026/04/05 15:43

| Item                                 | Current result                  | Ref. Ranges  |
|--------------------------------------|---------------------------------|--------------|
| Protein <b>TP</b>                    | <b>6.74</b> g/dL                | 5.65-8.85    |
| Protein <b>ALB</b>                   | <b>2.74</b> g/dL                | 2.20-4.00    |
| Protein <b>GLOB</b>                  | <b>4.01</b> g/dL                | 2.82-5.13    |
| Protein <b>A/G</b>                   | <b>0.7</b>                      |              |
| Liver and gallbladder <b>ALT</b>     | <b>70.4</b> U/L                 | 12.0-149.2   |
| Liver and gallbladder <b>AST</b>     | <b>30.3</b> U/L                 | 0.0-60.0     |
| Liver and gallbladder <b>AST/ALT</b> | <b>0.43</b>                     |              |
| Liver and gallbladder <b>ALP</b>     | ↓ <b>7.4</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>0.28</b> mg/dL               | 0.00-0.88    |
| Liver and gallbladder <b>TBA</b>     | <b>4.6</b> μmol/L               | 0.0-20.0     |
| Pancreas <b>AMY</b>                  | ↓ <b>494.2</b> U/L              | 555.6-1940.0 |
| Kidneys <b>BUN</b>                   | ↑ <b>&gt;182.65</b> mg/dL       | 12.79-32.06  |
| Kidneys <b>CREA</b>                  | ↑ <b>18.99</b> mg/dL            | 0.32-2.03    |
| Kidneys <b>BUN/CREA</b>              | <b>****</b>                     |              |
| Cardiovasc./Muscle <b>CK</b>         | <b>124.3</b> U/L                | 66.1-530.9   |
| Cardiovasc./Muscle <b>LDH</b>        | <b>296.0</b> U/L                | 0.0-334.2    |
| Energy metabolism <b>GLU</b>         | ↑ <b>193.8</b> mg/dL            | 61.1-151.2   |
| Energy metabolism <b>TC</b>          | <b>99.6</b> mg/dL               | 72.3-225.8   |
| Energy metabolism <b>TG</b>          | <b>100.2</b> mg/dL              | 8.9-115.1    |
| Minerals <b>Ca</b>                   | ↓ <b>8.33</b> mg/dL             | 8.40-11.16   |
| Minerals <b>PHOS</b>                 | ↑ <b>11.76</b> mg/dL            | 2.48-8.42    |
| Minerals <b>CaxP</b>                 | <b>7.91</b> mmol/L <sup>2</sup> |              |
| Minerals <b>Mg</b>                   | ↑ <b>5.30</b> mg/dL             | 1.60-2.96    |
| Electrolytes <b>Na+</b>              | <b>149.1</b> mmol/L             | 141.0-166.0  |
| Electrolytes <b>K+</b>               | <b>5.6</b> mmol/L               | 3.5-5.9      |
| Electrolytes <b>Na/K</b>             | <b>26.5</b>                     |              |
| Electrolytes <b>Cl-</b>              | <b>118.8</b> mmol/L             | 104.4-129.0  |

Operator:

## Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 0 ICT(Jaundice degree): 0



## Report Explain.

**ALP**



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.

**AMY**



Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-04-05 18:29:10



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**mindray**  
 animal medical

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|          |                    |          |        |                   |                  |
|----------|--------------------|----------|--------|-------------------|------------------|
| Patient: | Pagani             | Species: | Feline | Patient ID:       | 260405004        |
| Client:  | Rachelle Delatonio | Gender:  | Male   | Sample No.:       | 0000004          |
| Doctor:  |                    | Age:     | 7Y     | Time of analysis: | 2026/04/05 15:43 |



## Report Explan.

**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.

**GLU**



Increase is commonly associated with diabetes and hypercorticalismus, 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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