

# Biochemistry test report



Patient: Luna Species: Canine Patient ID: 260510001  
 Client: Junar Mendoza Gender: Female Sample No.: 0000001  
 Doctor: Age: 5Y Time of analysis: 2026/05/10 11:41

| Item                                 | Current result                  | Ref. Ranges  |
|--------------------------------------|---------------------------------|--------------|
| Protein <b>TP</b>                    | <b>7.41</b> g/dL                | 5.20-8.20    |
| Protein <b>ALB</b>                   | <b>2.79</b> g/dL                | 2.10-4.00    |
| Protein <b>GLOB</b>                  | <b>4.62</b> g/dL                | 2.54-5.20    |
| Protein <b>A/G</b>                   | <b>0.6</b>                      |              |
| Liver and gallbladder <b>ALT</b>     | <b>41.6</b> U/L                 | 10.1-100.3   |
| Liver and gallbladder <b>AST</b>     | <b>37.5</b> U/L                 | 0.0-51.7     |
| Liver and gallbladder <b>AST/ALT</b> | <b>0.90</b>                     |              |
| Liver and gallbladder <b>ALP</b>     | <b>132.8</b> U/L                | 15.5-212.0   |
| Liver and gallbladder <b>GGT</b>     | <b>6.8</b> U/L                  | 0.0-15.9     |
| Liver and gallbladder <b>TBIL</b>    | <b>&lt;0.10</b> mg/dL           | 0.00-0.88    |
| Liver and gallbladder <b>TBA</b>     | <b>24.3</b> μmol/L              | 0.0-30.0     |
| Pancreas <b>AMY</b>                  | <b>652.5</b> U/L                | 397.7-1285.1 |
| Pancreas <b>LIPA-D</b>               | <b>72.9</b> U/L                 | 0.0-100.0    |
| Kidneys <b>BUN</b>                   | <b>↑ 32.72</b> mg/dL            | 7.02-27.45   |
| Kidneys <b>CREA</b>                  | <b>↑ 1.99</b> mg/dL             | 0.23-1.40    |
| Kidneys <b>BUN/CREA</b>              | <b>16.4</b>                     |              |
| Cardiovasc./Muscle <b>CK</b>         | <b>209.3</b> U/L                | 66.4-257.5   |
| Cardiovasc./Muscle <b>LDH</b>        | <b>102.5</b> U/L                | 0.0-143.6    |
| Energy metabolism <b>GLU</b>         | <b>112.9</b> mg/dL              | 68.5-135.2   |
| Energy metabolism <b>TC</b>          | <b>236.1</b> mg/dL              | 103.2-324.1  |
| Energy metabolism <b>TG</b>          | <b>63.3</b> mg/dL               | 8.9-115.1    |
| Minerals <b>Ca</b>                   | <b>9.08</b> mg/dL               | 8.40-11.88   |
| Minerals <b>PHOS</b>                 | <b>5.42</b> mg/dL               | 2.17-6.81    |
| Minerals <b>CaxP</b>                 | <b>3.97</b> mmol/L <sup>2</sup> |              |
| Minerals <b>Mg</b>                   | <b>1.67</b> mg/dL               | 1.29-2.58    |
| Electrolytes <b>Na+</b>              | <b>142.4</b> mmol/L             | 138.0-160.0  |
| Electrolytes <b>K+</b>               | <b>3.7</b> mmol/L               | 3.5-5.9      |
| Electrolytes <b>Na/K</b>             | <b>38.3</b>                     |              |
| Electrolytes <b>Cl-</b>              | <b>↓ 86.1</b> 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: 2026-05-10 11:46:48



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|          |               |          |        |                   |                  |
|----------|---------------|----------|--------|-------------------|------------------|
| Patient: | Luna          | Species: | Canine | Patient ID:       | 260510001        |
| Client:  | Junar Mendoza | Gender:  | Female | Sample No.:       | 0000001          |
| Doctor:  |               | Age:     | 5Y     | Time of analysis: | 2026/05/10 11:41 |



## 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.

**Cl-**



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.

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