

# Biochemistry test report



|          |                |          |        |                   |                  |
|----------|----------------|----------|--------|-------------------|------------------|
| Patient: | RUGY           | Species: | Canine | Patient ID:       | 112402           |
| Client:  | RUFFIE MORDENO | Gender:  | Female | Sample No.:       | 04               |
| Doctor:  |                | Age:     | 10Y    | Time of analysis: | 2025/07/12 15:55 |

| Item                  |          | Current result       |          | Ref. Ranges  |  |
|-----------------------|----------|----------------------|----------|--------------|--|
| Protein               | TP       | 7.14                 | g/dL     | 5.31-7.92    |  |
| Protein               | ALB      | 3.09                 | g/dL     | 2.34-4.00    |  |
| Protein               | GLOB     | 4.04                 | g/dL     | 2.54-5.20    |  |
| Protein               | A/G      | 0.8                  |          |              |  |
| Liver and gallbladder | ALT      | 61.9                 | U/L      | 10.1-100.3   |  |
| Liver and gallbladder | ALP      | 31.3                 | U/L      | 15.5-212.0   |  |
| Liver and gallbladder | GGT      | <2.0                 | U/L      | 0.0-15.9     |  |
| Liver and gallbladder | TBIL     | 0.11                 | mg/dL    | 0.00-0.88    |  |
| Pancreas              | AMY      | 518.4                | U/L      | 397.7-1285.1 |  |
| Kidneys               | BUN      | <span>↑</span> 28.72 | mg/dL    | 7.03-27.45   |  |
| Kidneys               | CREA     | 0.88                 | mg/dL    | 0.23-1.40    |  |
| Kidneys               | BUN/CREA | 32.6                 |          |              |  |
| Cardiovasc./Muscle    | CK       | 92.3                 | U/L      | 66.4-257.5   |  |
| Energy metabolism     | GLU      | 89.6                 | mg/dL    | 68.5-135.2   |  |
| Energy metabolism     | TC       | 323.7                | mg/dL    | 103.2-324.1  |  |
| Energy metabolism     | TG       | 100.1                | mg/dL    | 8.9-115.1    |  |
| Minerals              | Ca       | 10.00                | mg/dL    | 8.40-11.88   |  |
| Minerals              | PHOS     | 3.31                 | mg/dL    | 2.48-6.81    |  |
| Minerals              | CaxP     | 2.67                 | mmol/L^2 |              |  |

Operator:

## Diagnosis/Health Checking Panel

QC QC OK

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



## 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.

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: 2025-07-12 16:02:51



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