

Biochemistry test report



| | | | | | |
|----------|---------|------------|--------|-------------------|------------------|
| Patient: | RYDER | Species: | Canine | Patient ID: | 117085 |
| Client: | NIESSEN | Gender: | Male | Sample No.: | 01 |
| Doctor: | | Age stage: | | Time of analysis: | 2025/04/09 12:24 |

| Item | | Current result | | Ref. Ranges | |
|-----------------------|----------|----------------|-------|-------------|--------------|
| Protein | TP | ↓ | 5.06 | g/dL | 5.31-7.92 |
| Protein | ALB | | 2.65 | g/dL | 2.34-4.00 |
| Protein | GLOB | ↓ | 2.41 | g/dL | 2.54-4.40 |
| Protein | A/G | | 1.1 | | |
| Liver and gallbladder | ALT | | 22.7 | U/L | 10.1-100.3 |
| Liver and gallbladder | ALP | ↑ | 256.9 | U/L | 15.5-125.0 |
| Liver and gallbladder | GGT | | 13.0 | U/L | 0.0-15.9 |
| Liver and gallbladder | TBIL | | 0.20 | mg/dL | 0.00-0.88 |
| Pancreas | AMY | | 810.1 | U/L | 397.7-1285.1 |
| Kidneys | BUN | ↑ | 28.47 | mg/dL | 7.02-27.45 |
| Kidneys | CREA | | 0.64 | mg/dL | 0.38-1.40 |
| Kidneys | BUN/CREA | | 44.6 | | |
| Cardiovasc./Muscle | CK | ↓ | 56.8 | U/L | 66.4-257.5 |
| Energy metabolism | GLU | ↑ | 126.6 | mg/dL | 68.5-113.3 |
| Energy metabolism | TC | | 186.8 | mg/dL | 103.2-324.1 |
| Energy metabolism | TG | | 42.4 | mg/dL | 8.9-115.1 |
| Minerals | Ca | ↓ | 8.07 | mg/dL | 9.20-11.88 |
| Minerals | PHOS | | 3.88 | mg/dL | 3.10-6.81 |
| Minerals | CaxP | | 2.53 | 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.

TP



Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.

GLOB



Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

ALP



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

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-04-09 12:27:32



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|  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. |
| CK | ↓ | Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc. |
| GLU | ↑ | Increase is commonly associated with diabetes and hypercorticism, 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. |

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.
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