# Biochemistry test report

| | | | | | |
|---|---|---|---|---|---|
| Patient: | ZION | Species: | Feline | Patient ID: | 114325 |
| Client: | EUREKA BALASOLLA | Gender: | Male | Sample No.: | 01 |
| Doctor: | | Age: | 2Y | Time of analysis: | 2025/09/20 10:14 |

| | Item | | Current result | | Ref. Ranges | | 2025/09/18 |
|---|---|---|---|---|---|---|---|
| Protein | **TP** | ↑ | **8.93** | g/dL | 5.65-8.85 | | **7.64** |
| Protein | **ALB** | | **3.27** | g/dL | 2.20-4.00 | | **2.87** |
| Protein | **GLOB** | ↑ | **5.66** | g/dL | 2.82-5.13 | | **4.76** |
| Protein | **A/G** | | **0.6** | | | | **0.6** |
| Kidneys | **BUN** | ↑ | **171.94** | mg/dL | 12.79-32.06 | | **>182.65** |
| Kidneys | **CREA** | ↑ | **4.59** | mg/dL | 0.32-2.03 | | **17.03** |
| Kidneys | **BUN/CREA** | | **37.3** | | | | **** |
| Minerals | **Ca** | ↓ | **7.44** | mg/dL | 8.40-11.16 | | |
| Minerals | **PHOS** | ↑ | **13.13** | mg/dL | 2.48-8.42 | | |
| Minerals | **CaxP** | | **7.88** | mmol/L^2 | | | |
| Electrolytes | **Na+** | | **150.6** | mmol/L | 141.0-166.0 | | |
| Electrolytes | **K+** | | **4.4** | mmol/L | 3.5-5.9 | | |
| Electrolytes | **Na/K** | | **34.1** | | | | |
| Electrolytes | **Cl-** | | **111.2** | mmol/L | 104.4-129.0 | | |

Operator:

**Kidney Recheck 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. |
| **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. |
| **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. |

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2025-09-20 10:22:20

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| Client: | EUREKA BALASOLLA | Gender: | Male | Sample No.: | 01 |
| Doctor: | | Age: | 2Y | Time of analysis: | 2025/09/20 10:14 |

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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