# Biochemistry test report



| | | | | | |
|---|---|---|---|---|---|
| Patient: | MAIKEE | Species: | Canine | Patient ID: | 261028005 |
| Client: | BAUTISTA | Gender: | Female | Sample No.: | 05 |
| Doctor: | | Age: | 2Y | Time of analysis: | 2026/10/28 17:11 |

| | Item | | Current result | | Ref. Ranges |
|---|---|---|---|---|---|
| Protein | **TP** | | **63.3** | g/L | 52.0-82.0 |
| Protein | **ALB** | | **27.3** | g/L | 21.0-40.0 |
| Protein | **GLOB** | | **35.9** | g/L | 25.4-52.0 |
| Protein | **A/G** | | **0.8** | | |
| Liver and gallbladder | **ALT** | | **17.8** | U/L | 10.1-100.3 |
| Liver and gallbladder | **AST** | | **29.6** | U/L | 0.0-51.7 |
| Liver and gallbladder | **AST/ALT** | | **1.66** | | |
| Liver and gallbladder | **ALP** | | **68.5** | U/L | 15.5-212.0 |
| Liver and gallbladder | **GGT** | | **3.5** | U/L | 0.0-15.9 |
| Liver and gallbladder | **TBIL** | | **<1.70** | μmol/L | 0.00-15.00 |
| Liver and gallbladder | **TBA** | | **<1.0** | μmol/L | 0.0-30.0 |
| Pancreas | **AMY** | | **411.6** | U/L | 200.0-1285.1 |
| Pancreas | **LIPA-D** | | **43.4** | U/L | 0.0-125.0 |
| Kidneys | **BUN** | ↑ | **15.53** | mmol/L | 2.50-9.77 |
| Kidneys | **CREA** | | **57.20** | μmol/L | 20.00-123.70 |
| Kidneys | **BUN/CREA** | | **67.2** | | |
| Cardiovasc./Muscle | **CK** | | **161.3** | U/L | 30.0-257.5 |
| Cardiovasc./Muscle | **LDH** | | **56.7** | U/L | 0.0-143.6 |
| Energy metabolism | **GLU** | | **5.14** | mmol/L | 3.80-7.50 |
| Energy metabolism | **TC** | | **3.77** | mmol/L | 2.67-8.38 |
| Energy metabolism | **TG** | | **0.62** | mmol/L | 0.10-1.30 |
| Minerals | **Ca** | ↓ | **1.46** | mmol/L | 1.95-2.97 |
| Minerals | **PHOS** | | **0.76** | mmol/L | 0.70-2.20 |
| Minerals | **CaxP** | | **1.11** | $(mmol/L)^2$ | |
| Minerals | **Mg** | ↓ | **0.51** | mmol/L | 0.53-1.06 |
| Electrolytes | **Na+** | | **150.8** | mmol/L | 138.0-160.0 |
| Electrolytes | **K+** | | **5.8** | mmol/L | 3.5-5.9 |
| Electrolytes | **Na/K** | | **25.9** | | |
| Electrolytes | **Cl-** | | **104.8** | mmol/L | 100.7-125.0 |

LIPA-D: 0.0-125.0 U/L Negative 125.0-250.0 U/L Suspected >250.0 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:2026-10-28 17:12:01

PETVET CENTRAL VET CLINIC - BARRA
ZONE 4, BARRA, OPOL, MISAMIS ORIENTAL
0927 569 8880

Global Pioneer of Comprehensive Animal Medical Solutions
Better healthcare for all - Since 1991
mindray animal medical

# Biochemistry test report



| | | | | | |
|---|---|---|---|---|---|
| Patient: | MAIKEE | Species: | Canine | Patient ID: | 261028005 |
| Client: | BAUTISTA | Gender: | Female | Sample No.: | 05 |
| Doctor: | | Age: | 2Y | Time of analysis: | 2026/10/28 17:11 |

## 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. |
| 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. |
| 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. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-10-28 17:12:01

PETVET CENTRAL VET CLINIC - BARRA
ZONE 4, BARRA, OPOL, MISAMIS ORIENTAL
0927 569 8880

Global Pioneer of Comprehensive Animal Medical Solutions
Better healthcare for all - Since 1991
mindray animal medical