

Biochemistry test report



| | | | | | |
|----------|----------------|----------|--------|-------------------|------------------|
| Patient: | LOKI | Species: | Canine | Patient ID: | 2507233 |
| Client: | CALONIA/ORTEGA | Gender: | Male | Sample No.: | 05 |
| Doctor: | | Age: | 5Y | Time of analysis: | 2026/03/04 15:53 |

| Item | Current result | Ref. Ranges | 2026/01/28 |
|-----------------------|--------------------------------------|--------------|------------|
| Protein | TP 59.6 g/L | 53.1-79.2 | 45.6 |
| Protein | ALB ↓ 16.7 g/L | 23.4-40.0 | 10.2 |
| Protein | GLOB 42.9 g/L | 25.4-52.0 | 35.4 |
| Protein | A/G 0.4 | | 0.3 |
| Liver and gallbladder | ALT 31.3 U/L | 10.1-100.3 | 35.5 |
| Liver and gallbladder | AST 17.4 U/L | 0.0-51.7 | 21.7 |
| Liver and gallbladder | AST/ALT 0.56 | | 0.61 |
| Liver and gallbladder | ALP 189.1 U/L | 15.5-212.0 | 682.3 |
| Liver and gallbladder | GGT ↑ 16.0 U/L | 0.0-15.9 | 24.6 |
| Liver and gallbladder | TBIL 2.33 μmol/L | 0.00-15.00 | 4.50 |
| Liver and gallbladder | TBA 3.0 μmol/L | 0.0-30.0 | 1.2 |
| Pancreas | AMY 1139.3 U/L | 397.7-1285.1 | 879.0 |
| Kidneys | BUN 7.10 mmol/L | 2.50-9.77 | 11.51 |
| Kidneys | CREA ↓ <18.00 μmol/L | 20.00-123.70 | 66.20 |
| Kidneys | BUN/CREA **** | | 43.0 |
| Cardiovasc./Muscle | CK 99.2 U/L | 66.4-257.5 | 132.9 |
| Cardiovasc./Muscle | LDH 31.3 U/L | 0.0-143.6 | 45.1 |
| Energy metabolism | GLU 6.34 mmol/L | 3.80-7.50 | 5.18 |
| Energy metabolism | TC 8.23 mmol/L | 2.67-8.38 | 8.79 |
| Energy metabolism | TG ↑ 1.48 mmol/L | 0.10-1.30 | 1.39 |
| Minerals | Ca 2.11 mmol/L | 2.10-2.97 | 1.87 |
| Minerals | PHOS 1.34 mmol/L | 0.80-2.20 | 1.92 |
| Minerals | CaxP 2.82 mmol/L ² | | 3.59 |
| Minerals | Mg 0.64 mmol/L | 0.53-1.06 | 0.46 |
| Electrolytes | Na+ ↓ 135.5 mmol/L | 138.0-160.0 | 144.0 |
| Electrolytes | K+ 4.9 mmol/L | 3.5-5.9 | 4.7 |
| Electrolytes | Na/K 27.5 | | 30.4 |
| Electrolytes | Cl- ↓ 95.8 mmol/L | 102.7-125.0 | 122.6 |

Operator:

Comprehensive Diagnosis Panel

QC QC OK

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



Report Explain.

ALB ↓

Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-03-04 15:53:27



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Report Explan.

GGT



Elevated is commonly associated with bile duct injury or cholestasis, etc.

CREA



Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, etc.

TG



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticalismus, etc.

Na+



Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, hyperaldosteronism, and severe dehydration, etc. Reduction is commonly associated with hypoadrenocorticism, diuretic therapy, 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.
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