

Biochemistry test report



| | | | | | |
|----------|---------------|----------|--------|-------------------|------------------|
| Patient: | Tiva | Species: | Canine | Patient ID: | 251216001 |
| Client: | Nikki Bragado | Gender: | Female | Sample No.: | 0000001 |
| Doctor: | | Age: | 8Y | Time of analysis: | 2025/12/16 15:43 |

| Item | Current result | Ref. Ranges |
|-----------------------|-----------------|---------------------------------|
| Protein | TP | 6.66 g/dL 5.31-7.92 |
| Protein | ALB | 2.50 g/dL 2.34-4.00 |
| Protein | GLOB | 4.16 g/dL 2.54-5.20 |
| Protein | A/G | 0.6 |
| Liver and gallbladder | ALT | 19.7 U/L 10.1-100.3 |
| Liver and gallbladder | AST | 20.2 U/L 0.0-51.7 |
| Liver and gallbladder | AST/ALT | 1.03 |
| Liver and gallbladder | ALP | 15.4 U/L 15.5-212.0 |
| Liver and gallbladder | GGT | 4.4 U/L 0.0-15.9 |
| Liver and gallbladder | TBIL | <0.10 mg/dL 0.00-0.88 |
| Liver and gallbladder | TBA | <1.0 μmol/L 0.0-30.0 |
| Pancreas | AMY | 999.4 U/L 397.7-1285.1 |
| Kidneys | BUN | 10.75 mg/dL 7.02-27.45 |
| Kidneys | CREA | 0.61 mg/dL 0.23-1.40 |
| Kidneys | BUN/CREA | 17.6 |
| Cardiovasc./Muscle | CK | 151.1 U/L 66.4-257.5 |
| Cardiovasc./Muscle | LDH | 166.9 U/L 0.0-143.6 |
| Energy metabolism | GLU | 102.1 mg/dL 68.5-135.2 |
| Energy metabolism | TC | 264.2 mg/dL 103.2-324.1 |
| Energy metabolism | TG | 35.9 mg/dL 8.9-115.1 |
| Minerals | Ca | 9.43 mg/dL 8.40-11.88 |
| Minerals | PHOS | 4.70 mg/dL 2.48-6.81 |
| Minerals | CaxP | 3.57 mmol/L ² |
| Minerals | Mg | 1.65 mg/dL 1.29-2.58 |
| Electrolytes | Na+ | 148.5 mmol/L 138.0-160.0 |
| Electrolytes | K+ | 4.0 mmol/L 3.5-5.9 |
| Electrolytes | Na/K | 36.8 |
| Electrolytes | Cl- | 126.8 mmol/L 102.7-125.0 |

Operator:

| Comprehensive Diagnosis Panel | | QC | QC | OK |
|-------------------------------|---|----------------------|----|-------------------------|
| HEM(Hemolysis degree): | 0 | LIP(Lipemia degree): | 0 | ICT(Jaundice degree): 0 |



Report Explain.

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: 2025-12-16 15:43:52



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Report Explan.

LDH



Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, 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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