# Zoomed

## Biochemical Inspection Report

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|---|---|---|---|---|---|
| Species: | dog | ID: | | Patient Name: | amara |
| Owner Name: | dodi | Gender: | Female | Age: | 2 Year |
| Sample Type: | plasma | Diagnosis: | | | |

LOT: 22030-13.4-0144-0223-55-210957-2929

| Item | Result | Unit | Ranges | Indicator (Low / Normal / High) |
|---|---|---|---|---|
| ALB | 2.30 | g/dL | 2.2-4.4 | |
| TP | 6.70 | g/dL | 5.2-8.2 | |
| GLO | 4.40 | g/dL | 2.3-5.2 | |
| A/G | 0.50 | | | |
| Ca | 9.80 | mg/dL | 7.9-11.8 | |
| GLU | 100 | mg/dL | 70-143 | |
| BUN | 21.1 | mg/dL | 7-27 | |
| P | 4.70 | mg/dL | 2.5-6.8 | |
| AMY | 1185 | U/L | 400-2500 | |
| CHOL | 190 | mg/dL | 110-320 | |
| ALT | 102 | U/L | 10-118 | |
| TBIL | 0.22 | mg/dL | 0.1-0.9 | |
| ALP | 53 | U/L | 20-150 | |
| CRE | 0.89 | mg/dL | 0.3-1.4 | |
| BUN/CRE | 24 | | | |
| CK | 279 | U/L | 20-200 | |

| Item | Clinical significance |
|---|---|
| ALB | ↑Commonly seen in dehydration;<br>↓Commonly seen in malnutrition, damage of liver function, massive bleeding, parasitc and other consumptive diseases related to intestinal tract; |
| TP | ↑Commonly seen in dehydration and the increase of immunoglobulin;<br>↓Commonly seen in malnutrition, chronic inflammation, diseases related to liver, kidney and gastrointestinal canal; |
| GLO | ↑Commonly seen in chronic inflammation and infection;<br>↓No clinical significance; |
| A/G | Reduction is common in liver diseases (such as chronic hepatitis, cirrhosis, liver cancer, liver injury, etc.), nephrotic syndrome, acute and chronic nephritis, infection or malnutrition. |
| Ca | ↑Commonly seen in hypercalcinemia, primary parathyroidism and multiple myeloma;<br>↓Commonly seen in hypocalcemia and absorption disorder of small intestine; |
| GLU | ↑Commonly seen in hypoinsulinism;<br>↓Commonly seen in malnutrition, cacochylia and chronic anemia; |
| BUN | ↑Commonly seen in renal lesions, excessive decomposition of protein and high protein intake;<br>↓Commonly seen in hepatic failure and deficiency of protein absorption; |
| P | ↑Commonly seen in bone healing, growth period and kidney diseases;<br>↓Commonly seen in unbalanced diet and hyperthyroidism; |
| AMY | ↑Commonly seen in pancreatitis, renal lesions and diseases of intestinal mucosa;<br>↓Commonly seen in pancreatic necrosis caused by blockage of pancreatic duct; |
| CHOL | ↑Commonly seen in cryptorrbea and endocrine disorder;<br>↓Commonly seen in excessive exercise, malnutrition, progressive liver disease and hyperthyroidism; |
| ALT | ↑Commonly seen in primary hepatocellular disease, diseases of the liver and biliary system, metabolic disorder and secondary liver disease;<br>↓No clinical significance; |

Remark: Due to the complexity and individuality of the test results of specific cases, the interpretation of clinical significance is for reference only and cannot serve as the evidence for specific disease diagnoses.

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| Submit Datetime: | 2022-01-03 20:17 | Analysis Datetime: | 2022-01-03 20:42 | Print Datetime: | 2022-01-03 13:59 |
| Submitt: | | Operator: | | Reviewer: | |
| Remark: | | | | | ***The result is only responsible for this sample*** |