

# Biochemistry test report



|          |        |          |        |                   |                  |
|----------|--------|----------|--------|-------------------|------------------|
| Patient: | DIGONG | Species: | Canine | Patient ID:       | 118711           |
| Client:  | TAHIL  | Gender:  | Male   | Sample No.:       | 03               |
| Doctor:  |        | Age:     | 8Y     | Time of analysis: | 2025/06/10 16:42 |

| Item                  |          | Current result |        | Ref. Ranges |              |
|-----------------------|----------|----------------|--------|-------------|--------------|
| Protein               | TP       | ↑              | 8.00   | g/dL        | 5.31-7.92    |
| Protein               | ALB      | ↓              | 1.42   | g/dL        | 2.34-4.00    |
| Protein               | GLOB     | ↑              | 6.58   | g/dL        | 2.54-5.20    |
| Protein               | A/G      |                | 0.2    |             |              |
| Liver and gallbladder | ALT      | ↑              | 137.5  | U/L         | 10.1-100.3   |
| Liver and gallbladder | ALP      |                | 159.7  | U/L         | 15.5-212.0   |
| Liver and gallbladder | GGT      |                | <2.0   | U/L         | 0.0-15.9     |
| Liver and gallbladder | TBIL     |                | 0.16   | mg/dL       | 0.00-0.88    |
| Pancreas              | AMY      | ↑              | 1336.8 | U/L         | 397.7-1285.1 |
| Kidneys               | BUN      | ↑              | 39.05  | mg/dL       | 7.02-27.45   |
| Kidneys               | CREA     | ↑              | 1.61   | mg/dL       | 0.23-1.40    |
| Kidneys               | BUN/CREA |                | 24.1   |             |              |
| Cardiovasc./Muscle    | CK       | ↓              | 44.5   | U/L         | 66.4-257.5   |
| Energy metabolism     | GLU      |                | 91.3   | mg/dL       | 68.5-135.2   |
| Energy metabolism     | TC       |                | 185.8  | mg/dL       | 103.2-324.1  |
| Energy metabolism     | TG       |                | 72.4   | mg/dL       | 8.9-115.1    |
| Minerals              | Ca       |                | 8.42   | mg/dL       | 8.40-11.88   |
| Minerals              | PHOS     |                | 6.45   | mg/dL       | 2.48-6.81    |
| Minerals              | CaxP     |                | 4.38   | mmol/L^2    |              |

Operator:

| Diagnosis/Health Checking 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.

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.

GLOB



Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-06-10 16:44:29



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| Client:  | TAHIL  | Gender:  | Male   | Sample No.:       | 03               |
| Doctor:  |        | Age:     | 8Y     | Time of analysis: | 2025/06/10 16:42 |

|  | Report Explan. |   |
|---|----------------|---|
| ALT   | ↑              | Increase is commonly associated with liver injury and muscle injury, etc.   |
| AMY   | ↑              | Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.  |
| 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.  |
| CK  | ↓              | Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, 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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