

Biochemistry test report



Patient: GRUMPHY Species: Feline Patient ID: 260202004
 Client: PEREZ Gender: Male Sample No.: 03
 Doctor: Age: 9M Time of analysis: 2026/02/09 10:52

| Item | | Current result | | Ref. Ranges | |
|-----------------------|-----------------|----------------|------------------|-------------|--------------|
| Protein | TP | - | 67.6 | g/L | 56.5-88.5 |
| Protein | ALB | | 30.9 | g/L | 22.0-40.0 |
| Protein | GLOB | | 36.7 | g/L | 28.2-51.3 |
| Protein | A/G | | 0.8 | | |
| Liver and gallbladder | ALT | ↑ | 448.8 | U/L | 12.0-149.2 |
| Liver and gallbladder | AST | ↑ | 411.2 | U/L | 0.0-60.0 |
| Liver and gallbladder | AST/ALT | | 0.92 | | |
| Liver and gallbladder | ALP | ↓ - | <5.0 | U/L | 8.7-110.9 |
| Liver and gallbladder | GGT | | 5.9 | U/L | 0.0-8.2 |
| Liver and gallbladder | TBIL | ↑ | 174.03 | μmol/L | 0.00-15.00 |
| Liver and gallbladder | TBA | ↑ | >110.0 | μmol/L | 0.0-20.0 |
| Pancreas | AMY | | 1259.9 | U/L | 555.6-1940.0 |
| Kidneys | BUN | | 7.18 | mmol/L | 4.55-11.41 |
| Kidneys | CREA | | 74.80 | μmol/L | 28.00-180.00 |
| Kidneys | BUN/CREA | | 23.8 | | |
| Cardiovasc./Muscle | CK | | 280.4 | U/L | 66.1-530.9 |
| Cardiovasc./Muscle | LDH | | 329.2 | U/L | 0.0-334.2 |
| Energy metabolism | GLU | ↑ | 8.59 | mmol/L | 3.39-8.39 |
| Energy metabolism | TC | - | 3.19 | mmol/L | 1.87-5.84 |
| Energy metabolism | TG | ↑ | 1.49 | mmol/L | 0.10-1.30 |
| Minerals | Ca | | 2.27 | mmol/L | 2.10-2.79 |
| Minerals | PHOS | | 1.33 | mmol/L | 0.80-2.72 |
| Minerals | CaxP | | 3.01 | mmol/L^2 | |
| Minerals | Mg | ↑ | 1.25 | mmol/L | 0.66-1.22 |
| Electrolytes | Na+ | ↓ | 137.0 | mmol/L | 141.0-166.0 |
| Electrolytes | K+ | | 3.6 | mmol/L | 3.5-5.9 |
| Electrolytes | Na/K | | 38.2 | | |
| Electrolytes | Cl- | | 121.5 | mmol/L | 104.4-129.0 |

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 1+ ICT(Jaundice degree): 3+



Report Explain.

- ALT** ↑ Increase is commonly associated with liver injury and muscle injury, etc.
- AST** ↑ Increase is commonly associated with liver injury and muscle injury, etc.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-02-09 10:52:39



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Biochemistry test report



| | | | | | |
|----------|---------|----------|--------|-------------------|------------------|
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| Doctor: | | Age: | 9M | Time of analysis: | 2026/02/09 10:52 |



Report Explan.

ALP



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.

TBIL



Increase is commonly associated with hemolysis and hepatobiliary dysfunction. Reduction is commonly associated with decreased erythropoiesis, etc.

TBA



Increase is commonly associated with hepatic insufficiency or failure, portal vein shunt, and cholestasis, etc. Reduction is commonly associated with long-term fasting and intestinal malabsorption, etc.

GLU



Increase is commonly associated with diabetes and hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.

TG



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, 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.

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.

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.

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