

# Biochemistry test report



|          |                |          |        |                   |                  |
|----------|----------------|----------|--------|-------------------|------------------|
| Patient: | Choco          | Species: | Canine | Patient ID:       | 2509263          |
| Client:  | Stef Dela Cruz | Gender:  | Male   | Sample No.:       | 0000001          |
| Doctor:  |                | Age:     | 7Y     | Time of analysis: | 2025/10/27 09:33 |

| Item                  |          | Current result |          | Ref. Ranges  |  | 2025/09/26 |
|-----------------------|----------|----------------|----------|--------------|--|------------|
| Protein               | TP       | 7.69           | g/dL     | 5.31-7.92    |  | 6.09       |
| Protein               | ALB      | 3.31           | g/dL     | 2.34-4.00    |  | 3.09       |
| Protein               | GLOB     | 4.39           | g/dL     | 2.54-5.20    |  | 3.00       |
| Protein               | A/G      | 0.8            |          |              |  | 1.0        |
| Liver and gallbladder | ALT      | 18.6           | U/L      | 10.1-100.3   |  | 25.1       |
| Liver and gallbladder | AST      | 30.7           | U/L      | 0.0-51.7     |  | 36.8       |
| Liver and gallbladder | AST/ALT  | 1.65           |          |              |  | 1.46       |
| Liver and gallbladder | ALP      | <5.0           | U/L      | 15.5-212.0   |  | 20.8       |
| Liver and gallbladder | GGT      | 6.4            | U/L      | 0.0-15.9     |  | <2.0       |
| Liver and gallbladder | TBIL     | <0.10          | mg/dL    | 0.00-0.88    |  | <0.10      |
| Liver and gallbladder | TBA      | 2.4            | μmol/L   | 0.0-30.0     |  | 5.3        |
| Pancreas              | AMY      | 507.7          | U/L      | 397.7-1285.1 |  | 444.6      |
| Kidneys               | BUN      | 12.26          | mg/dL    | 7.02-27.45   |  | 7.97       |
| Kidneys               | CREA     | 0.82           | mg/dL    | 0.23-1.40    |  | 0.74       |
| Kidneys               | BUN/CREA | 14.8           |          |              |  | 10.7       |
| Cardiovasc./Muscle    | CK       | 151.4          | U/L      | 66.4-257.5   |  | 87.8       |
| Cardiovasc./Muscle    | LDH      | H+ 133.2       | U/L      | 0.0-143.6    |  | 49.7       |
| Energy metabolism     | GLU      | 95.0           | mg/dL    | 68.5-135.2   |  | 120.3      |
| Energy metabolism     | TC       | 228.5          | mg/dL    | 103.2-324.1  |  | 178.1      |
| Energy metabolism     | TG       | 43.2           | mg/dL    | 8.9-115.1    |  | 126.8      |
| Minerals              | Ca       | 9.96           | mg/dL    | 8.40-11.88   |  | 9.07       |
| Minerals              | PHOS     | 3.40           | mg/dL    | 2.48-6.81    |  | 2.91       |
| Minerals              | CaxP     | 2.74           | mmol/L^2 |              |  | 2.13       |
| Minerals              | Mg       | 2.19           | mg/dL    | 1.29-2.58    |  | 1.78       |
| Electrolytes          | Na+      | 149.1          | mmol/L   | 138.0-160.0  |  | 149.1      |
| Electrolytes          | K+       | 4.2            | mmol/L   | 3.5-5.9      |  | 4.2        |
| Electrolytes          | Na/K     | 35.9           |          |              |  | 35.9       |
| Electrolytes          | Cl-      | 107.2          | mmol/L   | 102.7-125.0  |  | 101.1      |

Operator:

## Comprehensive Diagnosis Panel

QC QC OK

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

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5      Time of Printing:2025-10-27 09:47:28



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| Client:  | Stef Dela Cruz | Gender:  | Male   | Sample No.:       | 0000001          |
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## Report Explan.

ALP



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, 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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# Immunoassay test report



|          |                |          |        |                   |                  |
|----------|----------------|----------|--------|-------------------|------------------|
| Patient: | Choco          | Species: | Canine | Patient ID:       | 2509263          |
| Client:  | Stef Dela Cruz | Gender:  | Male   | Sample No.:       | 0000001          |
| Doctor:  |                | Age:     | 7Y     | Time of analysis: | 2025/10/27 09:33 |

| Lab item | Current result | Ref. Ranges    | 2025/09/26 |
|----------|----------------|----------------|------------|
| cSDMA    | 8.6            | µg/dL 0.0-14.0 | <br>12.6   |

Operator:

## Report Explan.

cSDMA

Result indications:

<14.0 ug/dL Normal

14.0-20.0 ug/dL Suspected

>20.0 ug/dL Abnormal

Clinical significance:

cSDMA is an early biomarker of progressive kidney injury, and an increase may indicate impaired renal function.

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.

Test Instrument: Mindray vetXpert I3 Time of Printing: 2025-10-27 09:47:30



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