

Client: TABAMO, LOURDES  
 (02012023)  
 Patient Name: KUYA  
 Species: Canine  
 Breed: Other

Gender: Male  
 Weight:  
 Age: 14 Years  
 Doctor:

BATINGA ANIMAL MEDICAL  
 CENTER

| Test                                   | Results          | Reference Interval | LOW  | NORMAL | HIGH              |
|--|------------------|--------------------|------|--------|-------------------|
| ProCyte One (February 8, 2025 9:44 AM) |                  |                    |      |        |                   |
|  |                  |                    |      |        | 2/1/23<br>6:20 PM |
| RBC                                    | 6.11 M/ $\mu$ L  | 5.65 - 8.87        |      |        | 7.02 M/ $\mu$ L   |
| HCT                                    | 36.8 %           | 37.3 - 61.7        | LOW  |        | 36.7 %            |
| HGB                                    | 15.6 g/dL        | 13.1 - 20.5        |      |        | 16.9 g/dL         |
| MCV                                    | 60.3 fL          | 61.6 - 73.5        | LOW  |        | 52.2 fL           |
| MCH                                    | 25.5 pg          | 21.2 - 25.9        |      |        | 24.1 pg           |
| MCHC                                   | 42.3 g/dL        | 32.0 - 37.9        | HIGH |        | > 46.2 g/dL       |
| RDW                                    | 14.6 %           | 13.6 - 21.7        |      |        | 22.6 %            |
| %RETIC                                 | 0.5 %            |                    |      |        | 0.7 %             |
| RETIC                                  | 30.5 K/ $\mu$ L  | 10.0 - 110.0       |      |        | 46.2 K/ $\mu$ L   |
| WBC                                    | 12.91 K/ $\mu$ L | 5.05 - 16.76       |      |        | * 6.94 K/ $\mu$ L |
| %NEU                                   | 82.4 %           |                    |      |        | * 39.6 %          |
| %LYM                                   | 4.5 %            |                    |      |        | * 15.2 %          |
| %MONO                                  | 13.0 %           |                    |      |        | * 40.3 %          |
| %EOS                                   | 0.1 %            |                    |      |        | * 4.6 %           |
| %BASO                                  | 0.0 %            |                    |      |        | * 0.2 %           |
| NEU                                    | 10.64 K/ $\mu$ L | 2.95 - 11.64       |      |        | * 2.75 K/ $\mu$ L |
| LYM                                    | 0.58 K/ $\mu$ L  | 1.05 - 5.10        | LOW  |        | * 1.05 K/ $\mu$ L |
| MONO                                   | 1.67 K/ $\mu$ L  | 0.16 - 1.12        | HIGH |        | * 2.80 K/ $\mu$ L |
| EOS                                    | 0.01 K/ $\mu$ L  | 0.06 - 1.23        | LOW  |        | 0.32 K/ $\mu$ L   |
| BASO                                   | 0.00 K/ $\mu$ L  | 0.00 - 0.10        |      |        | * 0.01 K/ $\mu$ L |
| PLT                                    | 178 K/ $\mu$ L   | 148 - 484          |      |        | * 106 K/ $\mu$ L  |
| MPV                                    | 8.1 fL           | 8.7 - 13.2         | LOW  |        | 3.2 fL            |
| PDW                                    | 9.5 fL           | 9.1 - 19.4         |      |        | * 3.8 fL          |
| PCT                                    | 0.14 %           | 0.14 - 0.46        |      |        | * 0.03 %          |

PLT Aggregates Detected

\* Confirm with dot plot and/or blood film review.

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.  
 2. Increased MCHC or MCH - Consider hemolysis (including sample collection/handling), lipemia, and Heinz bodies.

1. Lymphopenia - Likely stress leukogram (glucocorticoid response). Confirm with blood film review.  
 2. Monocytosis - Consider inflammation (if lymphopenia, consider glucocorticoid response).

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| Test   | Results     | Reference Interval | LOW | NORMAL | HIGH |
|--|-------------|--------------------|-----|--------|------|
| <b>Catalyst One (February 8, 2025 9:49 AM)</b> |             |                    |     |        |      |
| GLU  | 111 mg/dL   | 74 - 143           |     |        |      |
| SDMA   | 67 µg/dL    | 0 - 14             |     |        | HIGH |
| CREA   | -- -- mg/dL | 0.5 - 1.8          |     |        |      |
| BUN  | > 130 mg/dL | 7 - 27             |     |        | HIGH |
| PHOS   | 16.0 mg/dL  | 2.5 - 6.8          |     |        | HIGH |
| CA   | 9.9 mg/dL   | 7.9 - 12.0         |     |        |      |
| TP   | 10.3 g/dL   | 5.2 - 8.2          |     |        | HIGH |
| ALB  | 3.5 g/dL    | 2.3 - 4.0          |     |        |      |
| GLOB   | 6.9 g/dL    | 2.5 - 4.5          |     |        | HIGH |
| ALB/GLOB                                       | 0.5         |                    |     |        |      |
| ALT  | 32 U/L      | 10 - 125           |     |        |      |
| ALKP   | 21 U/L      | 23 - 212           | LOW |        |      |
| GGT  | 1 U/L       | 0 - 11             |     |        |      |
| TBIL   | 0.3 mg/dL   | 0.0 - 0.9          |     |        |      |
| CHOL   | 190 mg/dL   | 110 - 320          |     |        |      |
| AMYL   | 1187 U/L    | 500 - 1500         |     |        |      |
| LIPA   | 757 U/L     | 200 - 1800         |     |        |      |

SDMA:

SDMA is increased, no CREA result: likely impaired GFR and kidney function. Recommended next step: evaluation of other renal function tests, and complete urinalysis. For information on recommended actions visit: [www.idexx.com/sdmaalgorithm](http://www.idexx.com/sdmaalgorithm).