

Client: VELEZ (115973)
 Patient Name: ARTEM
 Species: Canine
 Breed: Beagle

Gender: Male
 Weight:
 Age: 8 Weeks
 Doctor: VINCENT RAFAEL SITON

BATINGA ANIMAL MEDICAL
 CENTER

| Test | Results | Reference Interval | LOW | NORMAL | HIGH |
|---|--------------------|--------------------|-----|--------|------|
| ProCyte One (August 2, 2024 1:39 PM) | | | | | |
| RBC | 4.61 M/ μ L | 5.65 - 8.87 | LOW | | |
| HCT | 24.9 % | 37.3 - 61.7 | LOW | | |
| HGB | 10.0 g/dL | 13.1 - 20.5 | LOW | | |
| MCV | 53.9 fL | 61.6 - 73.5 | LOW | | |
| MCH | 21.8 pg | 21.2 - 25.9 | | | |
| MCHC | 40.4 g/dL | 32.0 - 37.9 | | | HIGH |
| RDW | 14.4 % | 13.6 - 21.7 | | | |
| %RETIC | 4.5 % | | | | |
| RETIC | 206.3 K/ μ L | 10.0 - 110.0 | | | HIGH |
| WBC | * 20.10 K/ μ L | 5.05 - 16.76 | | | HIGH |
| %NEU | * 83.1 % | | | | |
| %LYM | * 2.6 % | | | | |
| %MONO | * 14.2 % | | | | |
| %EOS | * 0.1 % | | | | |
| %BASO | * 0.0 % | | | | |
| NEU | * 16.70 K/ μ L | 2.95 - 11.64 | | | HIGH |
| LYM | 0.53 K/ μ L | 1.05 - 5.10 | LOW | | |
| MONO | 2.86 K/ μ L | 0.16 - 1.12 | | | HIGH |
| EOS | 0.02 K/ μ L | 0.06 - 1.23 | LOW | | |
| BASO | * 0.00 K/ μ L | 0.00 - 0.10 | | | |
| PLT | 208 K/ μ L | 148 - 484 | | | |
| MPV | 9.7 fL | 8.7 - 13.2 | | | |
| PDW | 20.3 fL | 9.1 - 19.4 | | | HIGH |
| PCT | 0.20 % | 0.14 - 0.46 | | | |

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

1. Anemia with reticulocytosis - Likely regenerative anemia.
2. Platelet aggregates are detected. Platelet count may be higher than reported.
3. 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.