

Client: ROMERO, CARMENCITA
 (104876)
 Patient Name: BRUNO
 Species: Canine
 Breed: Mixed

Gender: Male
 Weight:
 Age: 6 Weeks
 Doctor: DANIEL JON BATINGA

BATINGA ANIMAL MEDICAL
 CLINIC
 TIANO-MONTALVAN STS.
 CAGAYAN DE ORO

| Test | Results | Reference Interval | LOW | NORMAL | HIGH |
|--|------------------|--------------------|------|--------|------|
| ProCyte Dx (November 30, 2019 11:43 AM) | | | | | |
| RBC | 1.17 M/ μ L | 5.65 - 8.87 | LOW | | |
| HCT | 9.1 % | 37.3 - 61.7 | LOW | | |
| HGB | 2.3 g/dL | 13.1 - 20.5 | LOW | | |
| MCV | 77.8 fL | 61.6 - 73.5 | HIGH | | |
| MCH | 19.7 pg | 21.2 - 25.9 | LOW | | |
| MCHC | 25.3 g/dL | 32.0 - 37.9 | LOW | | |
| RDW | 21.2 % | 13.6 - 21.7 | | | |
| %RETIC | * 50.2 % | | | | |
| RETIC | 587.5 K/ μ L | 10.0 - 110.0 | HIGH | | |
| RETIC-HGB | 15.6 pg | 22.3 - 29.6 | LOW | | |
| WBC | 25.48 K/ μ L | 5.05 - 16.76 | HIGH | | |
| %NEU | 76.0 % | | | | |
| %LYM | 13.9 % | | | | |
| %MONO | 7.3 % | | | | |
| %EOS | 2.0 % | | | | |
| %BASO | 0.8 % | | | | |
| NEU | 19.36 K/ μ L | 2.95 - 11.64 | HIGH | | |
| LYM | 3.53 K/ μ L | 1.05 - 5.10 | | | |
| MONO | 1.87 K/ μ L | 0.16 - 1.12 | HIGH | | |
| EOS | 0.51 K/ μ L | 0.06 - 1.23 | | | |
| BASO | 0.21 K/ μ L | 0.00 - 0.10 | HIGH | | |
| PLT | * 108 K/ μ L | 148 - 484 | LOW | | |
| MPV | 18.6 fL | 8.7 - 13.2 | HIGH | | |
| PDW | -- fL | 9.1 - 19.4 | | | |
| PCT | 0.20 % | 0.14 - 0.46 | | | |

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

1. Likely regenerative anemia
2. Likely adequate platelet mass
3. Decreased iron availability (consider: inflammation, iron deficiency, PSS, breed-related microcytosis)

1. Monocytosis - consider inflammation (if lymphopenia, consider glucocorticoid response)