

Client: GALES, TESSIE (105413)
 Patient Name: KOKO
 Species: Canine
 Breed: Other

Gender: Male
 Weight: 16.61 lbs
 Age: 8 Years
 Doctor: ALYNN ALBARECE

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

| Test | Results | Reference Interval | LOW | NORMAL | HIGH |
|------------------------------------------|-------------------|--------------------|-----|--------|------|
| ProCyt Dx (March 2, 2020 4:45 PM) | | | | | |
| RBC | 2.53 M/ μ L | 5.65 - 8.87 | LOW | | |
| HCT | 14.1 % | 37.3 - 61.7 | LOW | | |
| HGB | 5.2 g/dL | 13.1 - 20.5 | LOW | | |
| MCV | 55.7 fL | 61.6 - 73.5 | LOW | | |
| MCH | 20.6 pg | 21.2 - 25.9 | LOW | | |
| MCHC | 36.9 g/dL | 32.0 - 37.9 | | | |
| RDW | 16.6 % | 13.6 - 21.7 | | | |
| %RETIC | 0.0 % | | | | |
| RETIC | 0.0 K/ μ L | 10.0 - 110.0 | LOW | | |
| RETIC-HGB | 5.8 pg | 22.3 - 29.6 | LOW | | |
| WBC | 7.96 K/ μ L | 5.05 - 16.76 | | | |
| %NEU | * 77.4 % | | | | |
| %LYM | * 7.4 % | | | | |
| %MONO | * 14.6 % | | | | |
| %EOS | 0.5 % | | | | |
| %BASO | 0.1 % | | | | |
| NEU | * 6.16 K/ μ L | 2.95 - 11.64 | | | |
| BAND | * Suspected | | | | |
| LYM | * 0.59 K/ μ L | 1.05 - 5.10 | LOW | | |
| MONO | * 1.16 K/ μ L | 0.16 - 1.12 | | | HIGH |
| EOS | 0.04 K/ μ L | 0.06 - 1.23 | LOW | | |
| BASO | 0.01 K/ μ L | 0.00 - 0.10 | | | |
| PLT | * 0 K/ μ L | 148 - 484 | LOW | | |
| MPV | 17.2 fL | 8.7 - 13.2 | | | HIGH |
| PDW | -- fL | 9.1 - 19.4 | | | |
| PCT | 0.00 % | 0.14 - 0.46 | LOW | | |

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

1. Anemia without reticulocytosis-likely non-regenerative anemia; consider pre-regenerative anemia
2. Low RETIC-HGB-decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis)

1. Immature and/or toxic neutrophils likely present - consider active inflammation
2. Lymphopenia-likely stress leukogram (glucocorticoid response)
3. Monocytosis - consider inflammation (if lymphopenia, consider glucocorticoid response)