

Client: NACIONAL, SAMUEL (101659) Gender: Female
 Patient Name: SOPHIA Weight:
 Species: Canine Age: 3 Years
 Breed: Pomeranian Doctor: DANIEL JON BATINGA

| Test | Results | Reference Interval | LOW | NORMAL | HIGH |
|--|-------------------|--------------------|-----|--------|------|
| ProCyt Dx (June 19, 2021 2:06 PM) | | | | | |
| RBC | 2.93 M/ μ L | 5.65 - 8.87 | LOW | | |
| HCT | 18.7 % | 37.3 - 61.7 | LOW | | |
| HGB | 6.7 g/dL | 13.1 - 20.5 | LOW | | |
| MCV | 63.8 fL | 61.6 - 73.5 | | | |
| MCH | 22.9 pg | 21.2 - 25.9 | | | |
| MCHC | 35.8 g/dL | 32.0 - 37.9 | | | |
| RDW | 15.3 % | 13.6 - 21.7 | | | |
| %RETIC | 0.1 % | | | | |
| RETIC | 3.8 K/ μ L | 10.0 - 110.0 | LOW | | |
| RETIC-HGB | 20.4 pg | 22.3 - 29.6 | LOW | | |
| WBC | 9.15 K/ μ L | 5.05 - 16.76 | | | |
| %NEU | * 83.9 % | | | | |
| %LYM | * 5.0 % | | | | |
| %MONO | * 9.6 % | | | | |
| %EOS | 1.5 % | | | | |
| %BASO | 0.0 % | | | | |
| NEU | * 7.67 K/ μ L | 2.95 - 11.64 | | | |
| BAND | * Suspected | | | | |
| LYM | * 0.46 K/ μ L | 1.05 - 5.10 | LOW | | |
| MONO | * 0.88 K/ μ L | 0.16 - 1.12 | | | |
| EOS | 0.14 K/ μ L | 0.06 - 1.23 | | | |
| BASO | 0.00 K/ μ L | 0.00 - 0.10 | | | |
| PLT | 39 K/ μ L | 148 - 484 | LOW | | |
| MPV | 13.2 fL | 8.7 - 13.2 | | | |
| PDW | 15.4 fL | 9.1 - 19.4 | | | |
| PCT | 0.05 % | 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 inflammation.

Catalyst One (June 19, 2021 2:14 PM)

| | | | | | |
|------|-------------|-----------|------|--|--|
| CREA | 3.8 mg/dL | 0.5 - 1.8 | HIGH | | |
| BUN | > 130 mg/dL | 7 - 27 | HIGH | | |
| ALT | 14 U/L | 10 - 125 | | | |
| AST | 35 U/L | 0 - 50 | | | |
| ALKP | 35 U/L | 23 - 212 | | | |

4Dx Plus (June 19, 2021 2:26 PM)

| | |
|--------|----------|
| AP_spp | Negative |
| EC-EE | Positive |
| HW | Negative |
| Lyme | Negative |