

Client: BIGCAS, GRETA (110384)
 Patient Name: MAXI
 Species: Canine
 Breed: Dachshund

Gender: Male
 Weight:
 Age: 15 Years
 Doctor:

| Test | Results | Reference Interval | LOW | NORMAL | HIGH |
|--|------------------|--------------------|-----|--------|------|
| ProCyte Dx (July 6, 2024 1:33 PM) | | | | | |
| RBC | 6.08 M/ μ L | 5.65 - 8.87 | | | |
| HCT | 36.5 % | 37.3 - 61.7 | LOW | | |
| HGB | 12.5 g/dL | 13.1 - 20.5 | LOW | | |
| MCV | 60.0 fL | 61.6 - 73.5 | LOW | | |
| MCH | 20.6 pg | 21.2 - 25.9 | LOW | | |
| MCHC | 34.2 g/dL | 32.0 - 37.9 | | | |
| RDW | 15.3 % | 13.6 - 21.7 | | | |
| %RETIC | 0.4 % | | | | |
| RETIC | 21.3 K/ μ L | 10.0 - 110.0 | | | |
| RETIC-HGB | 19.5 pg | 22.3 - 29.6 | LOW | | |
| WBC | 34.28 K/ μ L | 5.05 - 16.76 | | | HIGH |
| %NEU | 87.2 % | | | | |
| %LYM | 5.9 % | | | | |
| %MONO | 5.9 % | | | | |
| %EOS | 0.8 % | | | | |
| %BASO | 0.2 % | | | | |
| NEU | 29.90 K/ μ L | 2.95 - 11.64 | | | HIGH |
| LYM | 2.02 K/ μ L | 1.05 - 5.10 | | | |
| MONO | 2.02 K/ μ L | 0.16 - 1.12 | | | HIGH |
| EOS | 0.28 K/ μ L | 0.06 - 1.23 | | | |
| BASO | 0.06 K/ μ L | 0.00 - 0.10 | | | |
| PLT | 419 K/ μ L | 148 - 484 | | | |
| MPV | 9.9 fL | 8.7 - 13.2 | | | |
| PDW | 8.7 fL | 9.1 - 19.4 | LOW | | |
| PCT | 0.41 % | 0.14 - 0.46 | | | |

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