

Client: LOMONGO, ALEX (112470)
 Patient Name: MAX
 Species: Canine
 Breed: Other

Gender: Male
 Weight:
 Age: 8 Years
 Doctor:

| Test | Results | Reference Interval | LOW | NORMAL | HIGH |
|--|------------------|--------------------|-----|--------|------|
| ProCyte Dx (May 17, 2023 9:39 AM) | | | | | |
| RBC | 3.46 M/ μ L | 5.65 - 8.87 | LOW | | |
| HCT | 18.2 % | 37.3 - 61.7 | LOW | | |
| HGB | 6.4 g/dL | 13.1 - 20.5 | LOW | | |
| MCV | 52.6 fL | 61.6 - 73.5 | LOW | | |
| MCH | 18.5 pg | 21.2 - 25.9 | LOW | | |
| MCHC | 35.2 g/dL | 32.0 - 37.9 | | | |
| RDW | 22.4 % | 13.6 - 21.7 | | | HIGH |
| %RETIC | 0.8 % | | | | |
| RETIC | 27.3 K/ μ L | 10.0 - 110.0 | | | |
| RETIC-HGB | 23.2 pg | 22.3 - 29.6 | | | |
| WBC | 6.16 K/ μ L | 5.05 - 16.76 | | | |
| %NEU | 75.0 % | | | | |
| %LYM | 16.9 % | | | | |
| %MONO | 5.5 % | | | | |
| %EOS | 1.8 % | | | | |
| %BASO | 0.8 % | | | | |
| NEU | 4.62 K/ μ L | 2.95 - 11.64 | | | |
| LYM | 1.04 K/ μ L | 1.05 - 5.10 | LOW | | |
| MONO | 0.34 K/ μ L | 0.16 - 1.12 | | | |
| EOS | 0.11 K/ μ L | 0.06 - 1.23 | | | |
| BASO | 0.05 K/ μ L | 0.00 - 0.10 | | | |
| PLT | * 110 K/ μ L | 148 - 484 | LOW | | |
| MPV | 13.1 fL | 8.7 - 13.2 | | | |
| PDW | -- fL | 9.1 - 19.4 | | | |
| PCT | 0.14 % | 0.14 - 0.46 | | | |

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

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.

1. Lymphopenia - Likely stress leukogram (glucocorticoid response).

Catalyst One (May 17, 2023 9:45 AM)

| | | | | | |
|----------|-----------|-----------|-----|--|------|
| CREA | 0.3 mg/dL | 0.5 - 1.8 | LOW | | |
| BUN | 8 mg/dL | 7 - 27 | | | |
| BUN/CREA | 29 | | | | |
| ALT | 66 U/L | 10 - 125 | | | |
| AST | 57 U/L | 0 - 50 | | | HIGH |
| ALKP | 454 U/L | 23 - 212 | | | HIGH |