

Client: CATAYOC, GLADYS (114285) Gender: Female
 Patient Name: BELLA Weight:
 Species: Canine Age: 2 Years
 Breed: Shih Tzu Doctor:

| Test | Results | Reference Interval | LOW | NORMAL | HIGH |
|---|-------------------|--------------------|------|--------|------|
| ProCyte Dx (January 6, 2024 1:11 PM) | | | | | |
| RBC | 4.86 M/ μ L | 5.65 - 8.87 | LOW | | |
| HCT | 28.8 % | 37.3 - 61.7 | LOW | | |
| HGB | 10.3 g/dL | 13.1 - 20.5 | LOW | | |
| MCV | 59.3 fL | 61.6 - 73.5 | LOW | | |
| MCH | 21.2 pg | 21.2 - 25.9 | | | |
| MCHC | 35.8 g/dL | 32.0 - 37.9 | | | |
| RDW | 16.5 % | 13.6 - 21.7 | | | |
| %RETIC | 0.0 % | | | | |
| RETIC | 1.9 K/ μ L | 10.0 - 110.0 | LOW | | |
| RETIC-HGB | 20.3 pg | 22.3 - 29.6 | LOW | | |
| WBC | 10.46 K/ μ L | 5.05 - 16.76 | | | |
| %NEU | * 70.8 % | | | | |
| %LYM | * 16.3 % | | | | |
| %MONO | * 12.7 % | | | | |
| %EOS | 0.2 % | | | | |
| %BASO | 0.0 % | | | | |
| NEU | * 7.41 K/ μ L | 2.95 - 11.64 | | | |
| BAND | * Suspected | | | | |
| LYM | * 1.70 K/ μ L | 1.05 - 5.10 | | | |
| MONO | * 1.33 K/ μ L | 0.16 - 1.12 | HIGH | | |
| EOS | 0.02 K/ μ L | 0.06 - 1.23 | LOW | | |
| BASO | 0.00 K/ μ L | 0.00 - 0.10 | | | |
| PLT | * 1 K/ μ L | 148 - 484 | LOW | | |
| MPV | 19.3 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 inflammation.

Catalyst One (January 6, 2024 1:18 PM)

| | | | | | |
|----------|-----------|-----------|------|--|--|
| CREA | 1.7 mg/dL | 0.5 - 1.8 | | | |
| BUN | 66 mg/dL | 7 - 27 | HIGH | | |
| BUN/CREA | 38 | | | | |
| ALT | 89 U/L | 10 - 125 | | | |
| AST | 117 U/L | 0 - 50 | HIGH | | |
| ALKP | 355 U/L | 23 - 212 | HIGH | | |