

Client: CASINO, ZARAHEMLA  
 (112240)  
 Patient Name: CHEWIE  
 Species: Canine  
 Breed: Other

Gender: Female  
 Weight:  
 Age: 5 Years  
 Doctor:

| Test  | Results         | Reference Interval | LOW | NORMAL | HIGH |
|---|-----------------|--------------------|-----|--------|------|
| <b>ProCyte Dx (April 27, 2023 11:38 AM)</b> |                 |                    |     |        |      |
| RBC   | 4.93 M/ $\mu$ L | 5.65 - 8.87        | LOW |        |      |
| HCT   | 27.8 %          | 37.3 - 61.7        | LOW |        |      |
| HGB   | 9.4 g/dL        | 13.1 - 20.5        | LOW |        |      |
| MCV   | 56.4 fL         | 61.6 - 73.5        | LOW |        |      |
| MCH   | 19.1 pg         | 21.2 - 25.9        | LOW |        |      |
| MCHC  | 33.8 g/dL       | 32.0 - 37.9        |     |        |      |
| RDW   | 18.4 %          | 13.6 - 21.7        |     |        |      |
| %RETIC                                      | 0.9 %           |                    |     |        |      |
| RETIC                                       | 44.4 K/ $\mu$ L | 10.0 - 110.0       |     |        |      |
| RETIC-HGB                                   | 21.3 pg         | 22.3 - 29.6        | LOW |        |      |
| WBC   | 5.26 K/ $\mu$ L | 5.05 - 16.76       |     |        |      |
| %NEU  | 81.9 %          |                    |     |        |      |
| %LYM  | 8.2 %           |                    |     |        |      |
| %MONO                                       | 8.0 %           |                    |     |        |      |
| %EOS  | 1.7 %           |                    |     |        |      |
| %BASO                                       | 0.2 %           |                    |     |        |      |
| NEU   | 4.31 K/ $\mu$ L | 2.95 - 11.64       |     |        |      |
| LYM   | 0.43 K/ $\mu$ L | 1.05 - 5.10        | LOW |        |      |
| MONO  | 0.42 K/ $\mu$ L | 0.16 - 1.12        |     |        |      |
| EOS   | 0.09 K/ $\mu$ L | 0.06 - 1.23        |     |        |      |
| BASO  | 0.01 K/ $\mu$ L | 0.00 - 0.10        |     |        |      |
| PLT   | * 22 K/ $\mu$ L | 148 - 484          | LOW |        |      |
| MPV   | 21.3 fL         | 8.7 - 13.2         |     |        | HIGH |
| PDW   | -- 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. Lymphopenia - Likely stress leukogram (glucocorticoid response).

**Catalyst One (April 27, 2023 11:45 AM)**

|          |           |           |  |  |  |
|----------|-----------|-----------|--|--|--|
| CREA     | 0.7 mg/dL | 0.5 - 1.8 |  |  |  |
| BUN      | 21 mg/dL  | 7 - 27    |  |  |  |
| BUN/CREA | 32        |           |  |  |  |
| ALT      | 50 U/L    | 10 - 125  |  |  |  |
| AST      | 48 U/L    | 0 - 50    |  |  |  |
| ALKP     | 72 U/L    | 23 - 212  |  |  |  |