

Client: GONZALES, DANOBELLA  
 (107325)  
 Patient Name: CHEVY  
 Species: Canine  
 Breed: Shih Tzu

Gender: Male  
 Weight:  
 Age: 1 Years  
 Doctor:

| Test  | Results         | Reference Interval | LOW | NORMAL | HIGH |
|---|-----------------|--------------------|-----|--------|------|
| <b>ProCyte Dx (December 5, 2022 10:43 AM)</b> |                 |                    |     |        |      |
| RBC   | 5.79 M/ $\mu$ L | 5.65 - 8.87        |     |        |      |
| HCT   | 35.0 %          | 37.3 - 61.7        | LOW |        |      |
| HGB   | 12.7 g/dL       | 13.1 - 20.5        | LOW |        |      |
| MCV   | 60.4 fL         | 61.6 - 73.5        | LOW |        |      |
| MCH   | 21.9 pg         | 21.2 - 25.9        |     |        |      |
| MCHC  | 36.3 g/dL       | 32.0 - 37.9        |     |        |      |
| RDW   | 14.6 %          | 13.6 - 21.7        |     |        |      |
| %RETIC  | 0.2 %           |                    |     |        |      |
| RETIC   | 8.7 K/ $\mu$ L  | 10.0 - 110.0       | LOW |        |      |
| RETIC-HGB                                     | 20.8 pg         | 22.3 - 29.6        | LOW |        |      |
| WBC   | 6.22 K/ $\mu$ L | 5.05 - 16.76       |     |        |      |
| %NEU  | 76.2 %          |                    |     |        |      |
| %LYM  | 13.7 %          |                    |     |        |      |
| %MONO   | 9.0 %           |                    |     |        |      |
| %EOS  | 0.6 %           |                    |     |        |      |
| %BASO   | 0.5 %           |                    |     |        |      |
| NEU   | 4.74 K/ $\mu$ L | 2.95 - 11.64       |     |        |      |
| LYM   | 0.85 K/ $\mu$ L | 1.05 - 5.10        | LOW |        |      |
| MONO  | 0.56 K/ $\mu$ L | 0.16 - 1.12        |     |        |      |
| EOS   | 0.04 K/ $\mu$ L | 0.06 - 1.23        | LOW |        |      |
| BASO  | 0.03 K/ $\mu$ L | 0.00 - 0.10        |     |        |      |
| PLT   | * 4 K/ $\mu$ L  | 148 - 484          | LOW |        |      |
| MPV   | 17.1 fL         | 8.7 - 13.2         |     |        | HIGH |
| PDW   | -- fL           | 9.1 - 19.4         |     |        |      |
| PCT   | 0.01 %          | 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).