

Client: SANTOS (113768)  
 Patient Name: LEILA  
 Species: Canine  
 Breed: Beagle

Gender: Female  
 Weight:  
 Age: 7 Years  
 Doctor:

| Test                                 | Results         | Reference Interval | LOW  | NORMAL | HIGH                 |
|--------------------------------------|-----------------|--------------------|------|--------|----------------------|
| ProCyte Dx (August 28, 2024 4:17 PM) |                 |                    |      |        |                      |
|                                      |                 |                    |      |        | 10/24/23<br>10:50 AM |
| RBC                                  | 5.40 M/ $\mu$ L | 5.65 - 8.87        | LOW  |        | 6.39 M/ $\mu$ L      |
| HCT                                  | 31.2 %          | 37.3 - 61.7        | LOW  |        | 38.8 %               |
| HGB                                  | 11.3 g/dL       | 13.1 - 20.5        | LOW  |        | 13.4 g/dL            |
| MCV                                  | 57.8 fL         | 61.6 - 73.5        | LOW  |        | 60.7 fL              |
| MCH                                  | 20.9 pg         | 21.2 - 25.9        | LOW  |        | 21.0 pg              |
| MCHC                                 | 36.2 g/dL       | 32.0 - 37.9        |      |        | 34.5 g/dL            |
| RDW                                  | 17.0 %          | 13.6 - 21.7        |      |        | 17.7 %               |
| %RETIC                               | 0.1 %           |                    |      |        | 0.4 %                |
| RETIC                                | 3.8 K/ $\mu$ L  | 10.0 - 110.0       | LOW  |        | 23.0 K/ $\mu$ L      |
| RETIC-HGB                            | 22.0 pg         | 22.3 - 29.6        | LOW  |        | 25.7 pg              |
| WBC                                  | 5.16 K/ $\mu$ L | 5.05 - 16.76       |      |        | 22.95 K/ $\mu$ L     |
| %NEU                                 | 79.8 %          |                    |      |        | 89.8 %               |
| %LYM                                 | 9.7 %           |                    |      |        | 6.9 %                |
| %MONO                                | 10.5 %          |                    |      |        | 2.3 %                |
| %EOS                                 | 0.0 %           |                    |      |        | 0.0 %                |
| %BASO                                | 0.0 %           |                    |      |        | 1.0 %                |
| NEU                                  | 4.12 K/ $\mu$ L | 2.95 - 11.64       |      |        | 20.61 K/ $\mu$ L     |
| LYM                                  | 0.50 K/ $\mu$ L | 1.05 - 5.10        | LOW  |        | 1.59 K/ $\mu$ L      |
| MONO                                 | 0.54 K/ $\mu$ L | 0.16 - 1.12        |      |        | 0.52 K/ $\mu$ L      |
| EOS                                  | 0.00 K/ $\mu$ L | 0.06 - 1.23        | LOW  |        | 0.01 K/ $\mu$ L      |
| BASO                                 | 0.00 K/ $\mu$ L | 0.00 - 0.10        |      |        | 0.22 K/ $\mu$ L      |
| PLT                                  | 79 K/ $\mu$ L   | 148 - 484          | LOW  |        | 787 K/ $\mu$ L       |
| MPV                                  | 13.5 fL         | 8.7 - 13.2         | HIGH |        | 11.7 fL              |
| PDW                                  | 13.7 fL         | 9.1 - 19.4         |      |        | 10.8 fL              |
| PCT                                  | 0.11 %          | 0.14 - 0.46        | LOW  |        | 0.92 %               |

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).

4Dx Plus (August 28, 2024 4:38 PM)

AP\_spp Negative  
 EH\_spp Positive  
 HW Negative  
 Lyme Negative