

Client: LEONARD, MARY JANE  
 (101828)  
 Patient Name: POGI  
 Species: Canine  
 Breed: Other

Gender: Male  
 Weight:  
 Age: 12 Years  
 Doctor:

| Test                                | Results          | Reference Interval | LOW | NORMAL | HIGH               |
|-------------------------------------|------------------|--------------------|-----|--------|--------------------|
| ProCyte Dx (April 6, 2024 10:14 AM) |                  |                    |     |        |                    |
|                                     |                  |                    |     |        | 3/27/24<br>9:36 AM |
| RBC                                 | 6.77 M/ $\mu$ L  | 5.65 - 8.87        |     |        | 5.78 M/ $\mu$ L    |
| HCT                                 | 43.4 %           | 37.3 - 61.7        |     |        | 33.6 %             |
| HGB                                 | 14.3 g/dL        | 13.1 - 20.5        |     |        | 12.1 g/dL          |
| MCV                                 | 64.1 fL          | 61.6 - 73.5        |     |        | 58.1 fL            |
| MCH                                 | 21.1 pg          | 21.2 - 25.9        | LOW |        | 20.9 pg            |
| MCHC                                | 32.9 g/dL        | 32.0 - 37.9        |     |        | 36.0 g/dL          |
| RDW                                 | 22.4 %           | 13.6 - 21.7        |     |        | 16.6 %             |
| %RETIC                              | 2.7 %            |                    |     |        | 0.2 %              |
| RETIC                               | 182.1 K/ $\mu$ L | 10.0 - 110.0       |     |        | 13.9 K/ $\mu$ L    |
| RETIC-HGB                           | 21.4 pg          | 22.3 - 29.6        | LOW |        | 26.0 pg            |
| WBC                                 | 15.88 K/ $\mu$ L | 5.05 - 16.76       |     |        | 10.77 K/ $\mu$ L   |
| %NEU                                | 73.9 %           |                    |     |        | 59.4 %             |
| %LYM                                | 17.3 %           |                    |     |        | 23.2 %             |
| %MONO                               | 5.9 %            |                    |     |        | 16.3 %             |
| %EOS                                | 2.6 %            |                    |     |        | 1.0 %              |
| %BASO                               | 0.3 %            |                    |     |        | 0.1 %              |
| NEU                                 | 11.74 K/ $\mu$ L | 2.95 - 11.64       |     |        | 6.39 K/ $\mu$ L    |
| LYM                                 | 2.75 K/ $\mu$ L  | 1.05 - 5.10        |     |        | 2.50 K/ $\mu$ L    |
| MONO                                | 0.93 K/ $\mu$ L  | 0.16 - 1.12        |     |        | 1.76 K/ $\mu$ L    |
| EOS                                 | 0.41 K/ $\mu$ L  | 0.06 - 1.23        |     |        | 0.11 K/ $\mu$ L    |
| BASO                                | 0.05 K/ $\mu$ L  | 0.00 - 0.10        |     |        | 0.01 K/ $\mu$ L    |
| PLT                                 | * 0 K/ $\mu$ L   | 148 - 484          | LOW |        | * 0 K/ $\mu$ L     |
| MPV                                 | 13.0 fL          | 8.7 - 13.2         |     |        | 14.1 fL            |
| PDW                                 | -- fL            | 9.1 - 19.4         |     |        | -- fL              |
| PCT                                 | 0.00 %           | 0.14 - 0.46        | LOW |        | 0.00 %             |

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

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1. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).
2. Reticulocytosis without anemia - Consider occult hemolytic or blood loss disease.