

Client: MEHILA, NAHAH (117998)  
 Patient Name: PRINCE  
 Species: Canine  
 Breed: Mixed

Gender: Male  
 Weight:  
 Age: 3 Months  
 Doctor:

| Test  | Results            | Reference Interval | LOW | NORMAL | HIGH |
|---|--------------------|--------------------|-----|--------|------|
| <b>ProCyte Dx (March 26, 2025 10:22 AM)</b> |                    |                    |     |        |      |
| RBC   | 3.92 M/ $\mu$ L    | 5.65 - 8.87        | LOW |        |      |
| HCT   | 25.7 %             | 37.3 - 61.7        | LOW |        |      |
| HGB   | 8.4 g/dL           | 13.1 - 20.5        | LOW |        |      |
| MCV   | 65.6 fL            | 61.6 - 73.5        |     |        |      |
| MCH   | 21.4 pg            | 21.2 - 25.9        |     |        |      |
| MCHC  | 32.7 g/dL          | 32.0 - 37.9        |     |        |      |
| RDW   | 18.0 %             | 13.6 - 21.7        |     |        |      |
| %RETIC                                      | 4.0 %              |                    |     |        |      |
| RETIC                                       | 154.8 K/ $\mu$ L   | 10.0 - 110.0       |     |        | HIGH |
| RETIC-HGB                                   | 26.3 pg            | 22.3 - 29.6        |     |        |      |
| WBC   | 34.61 K/ $\mu$ L   | 5.05 - 16.76       |     |        | HIGH |
| %NEU  | * 83.5 %           |                    |     |        |      |
| %LYM  | * 9.1 %            |                    |     |        |      |
| %MONO                                       | * 7.0 %            |                    |     |        |      |
| %EOS  | 0.2 %              |                    |     |        |      |
| %BASO                                       | 0.2 %              |                    |     |        |      |
| NEU   | * 28.91 K/ $\mu$ L | 2.95 - 11.64       |     |        | HIGH |
| BAND  | * Suspected        |                    |     |        |      |
| LYM   | * 3.16 K/ $\mu$ L  | 1.05 - 5.10        |     |        |      |
| MONO  | * 2.41 K/ $\mu$ L  | 0.16 - 1.12        |     |        | HIGH |
| EOS   | 0.06 K/ $\mu$ L    | 0.06 - 1.23        |     |        |      |
| BASO  | 0.07 K/ $\mu$ L    | 0.00 - 0.10        |     |        |      |
| PLT   | * 90 K/ $\mu$ L    | 148 - 484          | LOW |        |      |
| MPV   | 18.4 fL            | 8.7 - 13.2         |     |        | HIGH |
| PDW   | -- fL              | 9.1 - 19.4         |     |        |      |
| PCT   | 0.17 %             | 0.14 - 0.46        |     |        |      |

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

1. Anemia with reticulocytosis - Likely regenerative anemia.

1. Immature and/or toxic neutrophils likely present - Consider inflammation.

**Catalyst One (March 26, 2025 10:29 AM)**

|          |           |           |  |  |      |
|----------|-----------|-----------|--|--|------|
| CREA     | 0.5 mg/dL | 0.3 - 1.2 |  |  |      |
| BUN      | 19 mg/dL  | 7 - 29    |  |  |      |
| BUN/CREA | 38        |           |  |  |      |
| ALT      | 423 U/L   | 8 - 75    |  |  | HIGH |
| AST      | 188 U/L   | 0 - 50    |  |  | HIGH |
| ALKP     | 144 U/L   | 46 - 337  |  |  |      |