

Client: MANELA, JOAN (108009)  
 Patient Name: SKY  
 Species: Canine  
 Breed: Other

Gender: Female  
 Weight:  
 Age: 1 Years  
 Doctor:

| Test                                    | Results           | Reference Interval | LOW | NORMAL | HIGH |
|---|-------------------|--------------------|-----|--------|------|
| <b>ProCyte Dx (May 2, 2023 1:54 PM)</b> |                   |                    |     |        |      |
| RBC                                     | 5.10 M/ $\mu$ L   | 5.65 - 8.87        | LOW |        |      |
| HCT                                     | 31.8 %            | 37.3 - 61.7        | LOW |        |      |
| HGB                                     | * 27.5 g/dL       | 13.1 - 20.5        |     |        | HIGH |
| MCV                                     | 62.4 fL           | 61.6 - 73.5        |     |        |      |
| MCH                                     | 53.9 pg           | 21.2 - 25.9        |     |        | HIGH |
| MCHC                                    | 86.5 g/dL         | 32.0 - 37.9        |     |        | HIGH |
| RDW                                     | 15.5 %            | 13.6 - 21.7        |     |        |      |
| %RETIC                                  | * 0.5 %           |                    |     |        |      |
| RETIC                                   | * 24.5 K/ $\mu$ L | 10.0 - 110.0       |     |        |      |
| RETIC-HGB                               | * 22.6 pg         | 22.3 - 29.6        |     |        |      |
| WBC                                     | 10.15 K/ $\mu$ L  | 5.05 - 16.76       |     |        |      |
| %NEU                                    | * 62.9 %          |                    |     |        |      |
| %LYM                                    | * 11.0 %          |                    |     |        |      |
| %MONO                                   | * 24.5 %          |                    |     |        |      |
| %EOS                                    | 1.6 %             |                    |     |        |      |
| %BASO                                   | 0.0 %             |                    |     |        |      |
| NEU                                     | * 6.38 K/ $\mu$ L | 2.95 - 11.64       |     |        |      |
| BAND                                    | * Suspected       |                    |     |        |      |
| LYM                                     | * 1.12 K/ $\mu$ L | 1.05 - 5.10        |     |        |      |
| MONO                                    | * 2.49 K/ $\mu$ L | 0.16 - 1.12        |     |        | HIGH |
| EOS                                     | 0.16 K/ $\mu$ L   | 0.06 - 1.23        |     |        |      |
| BASO                                    | 0.00 K/ $\mu$ L   | 0.00 - 0.10        |     |        |      |
| PLT                                     | 733 K/ $\mu$ L    | 148 - 484          |     |        | HIGH |
| MPV                                     | 10.3 fL           | 8.7 - 13.2         |     |        |      |
| PDW                                     | 11.8 fL           | 9.1 - 19.4         |     |        |      |
| PCT                                     | 0.75 %            | 0.14 - 0.46        |     |        | HIGH |

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

1. Increased MCHC or MCH - Consider hemolysis (including sample collection/handling), lipemia, and Heinz bodies.

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

**Catalyst One (May 2, 2023 1:59 PM)**

|          |           |           |  |  |      |
|----------|-----------|-----------|--|--|------|
| CREA     | 0.6 mg/dL | 0.5 - 1.8 |  |  |      |
| BUN      | 13 mg/dL  | 7 - 27    |  |  |      |
| BUN/CREA | 21        |           |  |  |      |
| ALT      | 124 U/L   | 10 - 125  |  |  |      |
| AST      | 95 U/L    | 0 - 50    |  |  | HIGH |
| ALKP     | 153 U/L   | 23 - 212  |  |  |      |