

Client: VILLARAS, SONY (111109)  
 Patient Name: MAX  
 Species: Canine  
 Breed: Mixed

Gender: Male  
 Weight:  
 Age: 9 Months  
 Doctor:

| Test  | Results            | Reference Interval | LOW | NORMAL | HIGH |
|---|--------------------|--------------------|-----|--------|------|
| <b>ProCyte Dx (December 13, 2022 9:39 AM)</b> |                    |                    |     |        |      |
| RBC   | 1.58 M/ $\mu$ L    | 5.65 - 8.87        | LOW |        |      |
| HCT   | 10.8 %             | 37.3 - 61.7        | LOW |        |      |
| HGB   | 3.8 g/dL           | 13.1 - 20.5        | LOW |        |      |
| MCV   | 68.4 fL            | 61.6 - 73.5        |     |        |      |
| MCH   | 24.1 pg            | 21.2 - 25.9        |     |        |      |
| MCHC  | 35.2 g/dL          | 32.0 - 37.9        |     |        |      |
| RDW   | 25.5 %             | 13.6 - 21.7        |     |        | HIGH |
| %RETIC  | 8.8 %              |                    |     |        |      |
| RETIC   | 139.5 K/ $\mu$ L   | 10.0 - 110.0       |     |        | HIGH |
| RETIC-HGB                                     | 25.8 pg            | 22.3 - 29.6        |     |        |      |
| WBC   | 49.46 K/ $\mu$ L   | 5.05 - 16.76       |     |        | HIGH |
| %NEU  | * 76.7 %           |                    |     |        |      |
| %LYM  | * 14.2 %           |                    |     |        |      |
| %MONO   | * 8.6 %            |                    |     |        |      |
| %EOS  | 0.5 %              |                    |     |        |      |
| %BASO   | 0.0 %              |                    |     |        |      |
| NEU   | * 37.88 K/ $\mu$ L | 2.95 - 11.64       |     |        | HIGH |
| BAND  | * Suspected        |                    |     |        |      |
| LYM   | * 7.03 K/ $\mu$ L  | 1.05 - 5.10        |     |        | HIGH |
| MONO  | * 4.27 K/ $\mu$ L  | 0.16 - 1.12        |     |        | HIGH |
| EOS   | 0.26 K/ $\mu$ L    | 0.06 - 1.23        |     |        |      |
| BASO  | 0.02 K/ $\mu$ L    | 0.00 - 0.10        |     |        |      |
| PLT   | 63 K/ $\mu$ L      | 148 - 484          | LOW |        |      |
| MPV   | 15.3 fL            | 8.7 - 13.2         |     |        | HIGH |
| PDW   | 15.8 fL            | 9.1 - 19.4         |     |        |      |
| PCT   | 0.10 %             | 0.14 - 0.46        | LOW |        |      |

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

1. Anemia with reticulocytosis - Likely regenerative anemia.
2. Increased RDW - Anisocytosis present - review blood film.

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

**Catalyst One (December 13, 2022 9:45 AM)**

|          |           |           |  |  |      |
|----------|-----------|-----------|--|--|------|
| CREA     | 0.8 mg/dL | 0.5 - 1.8 |  |  |      |
| BUN      | 65 mg/dL  | 7 - 27    |  |  | HIGH |
| BUN/CREA | 81        |           |  |  |      |
| ALT      | 103 U/L   | 10 - 125  |  |  |      |
| AST      | 496 U/L   | 0 - 50    |  |  | HIGH |
| ALKP     | 110 U/L   | 23 - 212  |  |  |      |

**4Dx Plus (December 13, 2022 10:32 AM)**

|        |          |
|--------|----------|
| AP_spp | Negative |
| EC-EE  | Negative |
| HW     | Negative |
| Lyme   | Negative |