

Client: NUEVAS, MARCIANA (116657) Gender: Female  
 Patient Name: MIKAY Weight:  
 Species: Feline Age: 12 Months  
 Breed: Mixed Doctor:

| Test   | Results            | Reference Interval | LOW  | NORMAL | HIGH |
|--|--------------------|--------------------|------|--------|------|
| <b>ProCyte Dx (October 28, 2024 9:31 AM)</b> |                    |                    |      |        |      |
| RBC  | 3.03 M/ $\mu$ L    | 6.54 - 12.20       | LOW  |        |      |
| HCT  | 23.8 %             | 30.3 - 52.3        | LOW  |        |      |
| HGB  | 5.6 g/dL           | 9.8 - 16.2         | LOW  |        |      |
| MCV  | 78.5 fL            | 35.9 - 53.1        | HIGH |        |      |
| MCH  | 18.5 pg            | 11.8 - 17.3        | HIGH |        |      |
| MCHC   | 23.5 g/dL          | 28.1 - 35.8        | LOW  |        |      |
| RDW  | 22.3 %             | 15.0 - 27.0        |      |        |      |
| %RETIC                                       | 12.8 %             |                    |      |        |      |
| RETIC  | 386.6 K/ $\mu$ L   | 3.0 - 50.0         | HIGH |        |      |
| RETIC-HGB                                    | 18.9 pg            | 13.2 - 20.8        |      |        |      |
| WBC  | * 23.07 K/ $\mu$ L | 2.87 - 17.02       | HIGH |        |      |
| %NEU   | * 66.9 %           |                    |      |        |      |
| %LYM   | * 24.1 %           |                    |      |        |      |
| %MONO  | * 3.2 %            |                    |      |        |      |
| %EOS   | * 4.5 %            |                    |      |        |      |
| %BASO  | * 1.3 %            |                    |      |        |      |
| NEU  | * 15.44 K/ $\mu$ L | 2.30 - 10.29       | HIGH |        |      |
| BAND   | * Suspected        |                    |      |        |      |
| LYM  | * 5.56 K/ $\mu$ L  | 0.92 - 6.88        |      |        |      |
| MONO   | * 0.74 K/ $\mu$ L  | 0.05 - 0.67        | HIGH |        |      |
| EOS  | * 1.04 K/ $\mu$ L  | 0.17 - 1.57        |      |        |      |
| BASO   | * 0.29 K/ $\mu$ L  | 0.01 - 0.26        | HIGH |        |      |
| nRBC   | * Suspected        |                    |      |        |      |
| PLT  | 95 K/ $\mu$ L      | 151 - 600          | LOW  |        |      |
| MPV  | 16.9 fL            | 11.4 - 21.6        |      |        |      |
| PCT  | 0.16 %             | 0.17 - 0.86        | LOW  |        |      |

\* 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 (October 28, 2024 9:37 AM)**

|          |               |            |      |  |  |
|----------|---------------|------------|------|--|--|
| GLU      | 186 mg/dL     | 74 - 159   | HIGH |  |  |
| SDMA     | 16 $\mu$ g/dL | 0 - 14     | HIGH |  |  |
| CREA     | 1.4 mg/dL     | 0.8 - 2.4  |      |  |  |
| BUN      | 33 mg/dL      | 16 - 36    |      |  |  |
| BUN/CREA | 23            |            |      |  |  |
| PHOS     | 4.6 mg/dL     | 3.1 - 7.5  |      |  |  |
| CA       | 9.5 mg/dL     | 7.8 - 11.3 |      |  |  |
| TP       | 9.2 g/dL      | 5.7 - 8.9  | HIGH |  |  |
| ALB      | 2.9 g/dL      | 2.2 - 4.0  |      |  |  |
| GLOB     | 6.3 g/dL      | 2.8 - 5.1  | HIGH |  |  |
| ALB/GLOB | 0.5           |            |      |  |  |
| ALT      | 442 U/L       | 12 - 130   | HIGH |  |  |
| ALKP     | 48 U/L        | 14 - 111   |      |  |  |
| GGT      | 1 U/L         | 0 - 4      |      |  |  |
| TBIL     | > 27.9 mg/dL  | 0.0 - 0.9  | HIGH |  |  |
| CHOL     | 109 mg/dL     | 65 - 225   |      |  |  |

SDMA:

SDMA is increased, CREA within reference interval: likely impaired GFR and kidney function.

Recommended next step: evaluate complete urinalysis. For information on recommended actions visit: [www.idexx.com](http://www.idexx.com)

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[idexx.com/sdmaalgorithm](https://idexx.com/sdmaalgorithm).