

Client: CENABRE, MARIO (116922)      Gender: Male  
 Patient Name: SPARKY                      Weight:  
 Species: Canine                              Age: 7 Years  
 Breed: Shih Tzu                                Doctor:

| Test                                    | Results         | Reference Interval | LOW  | NORMAL | HIGH |                     |
|-----------------------------------------|-----------------|--------------------|------|--------|------|---------------------|
| ProCyte Dx (December 11, 2024 11:35 AM) |                 |                    |      |        |      | 12/4/24<br>11:13 AM |
| RBC                                     | 6.79 M/ $\mu$ L | 5.65 - 8.87        |      |        |      | 7.23 M/ $\mu$ L     |
| HCT                                     | 41.0 %          | 37.3 - 61.7        |      |        |      | 43.5 %              |
| HGB                                     | 14.5 g/dL       | 13.1 - 20.5        |      |        |      | 15.6 g/dL           |
| MCV                                     | 60.4 fL         | 61.6 - 73.5        | LOW  |        |      | 60.2 fL             |
| MCH                                     | 21.4 pg         | 21.2 - 25.9        |      |        |      | 21.6 pg             |
| MCHC                                    | 35.4 g/dL       | 32.0 - 37.9        |      |        |      | 35.9 g/dL           |
| RDW                                     | 16.3 %          | 13.6 - 21.7        |      |        |      | 16.4 %              |
| %RETIC                                  | 0.1 %           |                    |      |        |      | 0.3 %               |
| RETIC                                   | 9.5 K/ $\mu$ L  | 10.0 - 110.0       | LOW  |        |      | 18.8 K/ $\mu$ L     |
| RETIC-HGB                               | 26.4 pg         | 22.3 - 29.6        |      |        |      | 19.6 pg             |
| WBC                                     | 6.14 K/ $\mu$ L | 5.05 - 16.76       |      |        |      | 3.43 K/ $\mu$ L     |
| %NEU                                    | 69.1 %          |                    |      |        |      | 61.7 %              |
| %LYM                                    | 22.1 %          |                    |      |        |      | 22.2 %              |
| %MONO                                   | 4.7 %           |                    |      |        |      | 14.6 %              |
| %EOS                                    | 3.6 %           |                    |      |        |      | 0.6 %               |
| %BASO                                   | 0.5 %           |                    |      |        |      | 0.9 %               |
| NEU                                     | 4.24 K/ $\mu$ L | 2.95 - 11.64       |      |        |      | 2.12 K/ $\mu$ L     |
| LYM                                     | 1.36 K/ $\mu$ L | 1.05 - 5.10        |      |        |      | 0.76 K/ $\mu$ L     |
| MONO                                    | 0.29 K/ $\mu$ L | 0.16 - 1.12        |      |        |      | 0.50 K/ $\mu$ L     |
| EOS                                     | 0.22 K/ $\mu$ L | 0.06 - 1.23        |      |        |      | 0.02 K/ $\mu$ L     |
| BASO                                    | 0.03 K/ $\mu$ L | 0.00 - 0.10        |      |        |      | 0.03 K/ $\mu$ L     |
| PLT                                     | 149 K/ $\mu$ L  | 148 - 484          |      |        |      | * 7 K/ $\mu$ L      |
| MPV                                     | 13.4 fL         | 8.7 - 13.2         | HIGH |        |      | 18.4 fL             |
| PDW                                     | 12.9 fL         | 9.1 - 19.4         |      |        |      | -- fL               |
| PCT                                     | 0.20 %          | 0.14 - 0.46        |      |        |      | 0.01 %              |

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

Catalyst One (December 11, 2024 11:41 AM)

|          |              |           |      |  |  |  |
|----------|--------------|-----------|------|--|--|--|
| SDMA     | 9 $\mu$ g/dL | 0 - 14    |      |  |  |  |
| CREA     | 1.0 mg/dL    | 0.5 - 1.8 |      |  |  |  |
| BUN      | 30 mg/dL     | 7 - 27    | HIGH |  |  |  |
| BUN/CREA | 32           |           |      |  |  |  |
| ALT      | 104 U/L      | 10 - 125  |      |  |  |  |
| AST      | 46 U/L       | 0 - 50    |      |  |  |  |
| ALKP     | 33 U/L       | 23 - 212  |      |  |  |  |

SDMA:

SDMA and CREA within reference interval: impairment of GFR is unlikely. Recommended next step: evaluate complete urinalysis.