

Client: LUNA, MICHAEL (113882)
 Patient Name: COOKIE
 Species: Canine
 Breed: Other

Gender: Male
 Weight:
 Age: 1 Years
 Doctor:

| Test | Results | Reference Interval | LOW | NORMAL | HIGH |
|-----------------------------------------------|------------------|--------------------|-----|--------|------|
| ProCyte Dx (November 10, 2023 4:21 PM) | | | | | |
| RBC | 4.87 M/ μ L | 5.65 - 8.87 | LOW | | |
| HCT | 31.0 % | 37.3 - 61.7 | LOW | | |
| HGB | 11.2 g/dL | 13.1 - 20.5 | LOW | | |
| MCV | 63.7 fL | 61.6 - 73.5 | | | |
| MCH | 23.0 pg | 21.2 - 25.9 | | | |
| MCHC | 36.1 g/dL | 32.0 - 37.9 | | | |
| RDW | 14.8 % | 13.6 - 21.7 | | | |
| %RETIC | 0.1 % | | | | |
| RETIC | 6.3 K/ μ L | 10.0 - 110.0 | LOW | | |
| RETIC-HGB | 24.2 pg | 22.3 - 29.6 | | | |
| WBC | 10.15 K/ μ L | 5.05 - 16.76 | | | |
| %NEU | 67.2 % | | | | |
| %LYM | 18.8 % | | | | |
| %MONO | 13.8 % | | | | |
| %EOS | 0.1 % | | | | |
| %BASO | 0.1 % | | | | |
| NEU | 6.82 K/ μ L | 2.95 - 11.64 | | | |
| LYM | 1.91 K/ μ L | 1.05 - 5.10 | | | |
| MONO | 1.40 K/ μ L | 0.16 - 1.12 | | | HIGH |
| EOS | 0.01 K/ μ L | 0.06 - 1.23 | LOW | | |
| BASO | 0.01 K/ μ L | 0.00 - 0.10 | | | |
| PLT | * 24 K/ μ L | 148 - 484 | LOW | | |
| MPV | 18.5 fL | 8.7 - 13.2 | | | HIGH |
| PDW | -- fL | 9.1 - 19.4 | | | |
| PCT | 0.04 % | 0.14 - 0.46 | LOW | | |

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

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.

1. Monocytosis - Consider inflammation (if lymphopenia, consider glucocorticoid response).

Catalyst One (November 10, 2023 4:27 PM)

| | | | | | |
|----------|-----------|------------|-----|--|------|
| GLU | 66 mg/dL | 74 - 143 | LOW | | |
| CREA | 0.6 mg/dL | 0.5 - 1.8 | | | |
| BUN | 12 mg/dL | 7 - 27 | | | |
| BUN/CREA | 22 | | | | |
| PHOS | 4.1 mg/dL | 2.5 - 6.8 | | | |
| CA | 9.0 mg/dL | 7.9 - 12.0 | | | |
| TP | 6.6 g/dL | 5.2 - 8.2 | | | |
| ALB | 1.8 g/dL | 2.3 - 4.0 | LOW | | |
| GLOB | 4.7 g/dL | 2.5 - 4.5 | | | HIGH |
| ALB/GLOB | 0.4 | | | | |
| ALT | 416 U/L | 10 - 125 | | | HIGH |
| ALKP | 968 U/L | 23 - 212 | | | HIGH |
| GGT | 6 U/L | 0 - 11 | | | |
| TBIL | 1.4 mg/dL | 0.0 - 0.9 | | | HIGH |
| CHOL | 134 mg/dL | 110 - 320 | | | |
| AMYL | 684 U/L | 500 - 1500 | | | |
| LIPA | 256 U/L | 200 - 1800 | | | |