

Client: MADERAL, MARY (103574)  
 Patient Name: SPOTTIE  
 Species: Canine  
 Breed: Mixed

Gender: Female  
 Weight:  
 Age: 15 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH	
ProCyte Dx (January 2, 2025 9:57 AM)						11/11/24 1:50 PM
RBC	3.83 M/ $\mu$ L	5.65 - 8.87	LOW			6.80 M/ $\mu$ L
HCT	24.2 %	37.3 - 61.7	LOW			42.5 %
HGB	8.5 g/dL	13.1 - 20.5	LOW			15.1 g/dL
MCV	63.2 fL	61.6 - 73.5				62.5 fL
MCH	22.2 pg	21.2 - 25.9				22.2 pg
MCHC	35.1 g/dL	32.0 - 37.9				35.5 g/dL
RDW	17.3 %	13.6 - 21.7				20.6 %
%RETIC	0.8 %					0.5 %
RETIC	31.4 K/ $\mu$ L	10.0 - 110.0				36.7 K/ $\mu$ L
RETIC-HGB	16.6 pg	22.3 - 29.6	LOW			20.7 pg
WBC	33.75 K/ $\mu$ L	5.05 - 16.76	HIGH			14.78 K/ $\mu$ L
%NEU	* 58.8 %					* 60.0 %
%LYM	* 19.5 %					* 21.0 %
%MONO	* 21.5 %					* 14.3 %
%EOS	0.2 %					4.7 %
%BASO	0.0 %					0.0 %
NEU BAND	* 19.82 K/ $\mu$ L * Suspected	2.95 - 11.64	HIGH			* 8.87 K/ $\mu$ L * Suspected
LYM	* 6.59 K/ $\mu$ L	1.05 - 5.10	HIGH			* 3.10 K/ $\mu$ L
MONO	* 7.26 K/ $\mu$ L	0.16 - 1.12	HIGH			* 2.11 K/ $\mu$ L
EOS	0.08 K/ $\mu$ L	0.06 - 1.23				0.70 K/ $\mu$ L
BASO	0.00 K/ $\mu$ L	0.00 - 0.10				0.00 K/ $\mu$ L
PLT	227 K/ $\mu$ L	148 - 484				191 K/ $\mu$ L
MPV	14.3 fL	8.7 - 13.2	HIGH			13.2 fL
PDW	16.7 fL	9.1 - 19.4				11.8 fL
PCT	0.32 %	0.14 - 0.46				0.25 %

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

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

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.
2. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

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

Catalyst One (January 2, 2025 10:03 AM)

11/11/24  
1:53 PM

SDMA	10 $\mu$ g/dL	0 - 14				11 $\mu$ g/dL
CREA	0.9 mg/dL	0.5 - 1.8				1.1 mg/dL
BUN	17 mg/dL	7 - 27				21 mg/dL
BUN/CREA	19					19
ALT	27 U/L	10 - 125				27 U/L
AST	62 U/L	0 - 50	HIGH			51 U/L
ALKP	307 U/L	23 - 212	HIGH			261 U/L

SDMA:

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