

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 (February 12, 2025 10:11 AM)					
					1/24/25 11:13 AM
RBC	3.99 M/ μ L	5.65 - 8.87	LOW		4.02 M/ μ L
HCT	24.9 %	37.3 - 61.7	LOW		26.4 %
HGB	8.4 g/dL	13.1 - 20.5	LOW		8.6 g/dL
MCV	62.4 fL	61.6 - 73.5			65.7 fL
MCH	21.1 pg	21.2 - 25.9	LOW		21.4 pg
MCHC	33.7 g/dL	32.0 - 37.9			32.6 g/dL
RDW	19.5 %	13.6 - 21.7			19.7 %
%RETIC	1.1 %				2.7 %
RETIC	43.1 K/ μ L	10.0 - 110.0			110.1 K/ μ L
RETIC-HGB	19.1 pg	22.3 - 29.6	LOW		16.2 pg
WBC	24.97 K/ μ L	5.05 - 16.76	HIGH		11.20 K/ μ L
%NEU	* 69.1 %				* 58.2 %
%LYM	* 17.3 %				* 22.8 %
%MONO	* 13.0 %				* 16.3 %
%EOS	0.6 %				2.6 %
%BASO	0.0 %				0.1 %
NEU	* 17.26 K/ μ L	2.95 - 11.64	HIGH		* 6.52 K/ μ L
BAND	* Suspected				* Suspected
LYM	* 4.32 K/ μ L	1.05 - 5.10			* 2.55 K/ μ L
MONO	* 3.24 K/ μ L	0.16 - 1.12	HIGH		* 1.83 K/ μ L
EOS	0.15 K/ μ L	0.06 - 1.23			0.29 K/ μ L
BASO	0.00 K/ μ L	0.00 - 0.10			0.01 K/ μ L
PLT	288 K/ μ L	148 - 484			751 K/ μ L
MPV	13.5 fL	8.7 - 13.2	HIGH		12.1 fL
PDW	16.9 fL	9.1 - 19.4			13.1 fL
PCT	0.39 %	0.14 - 0.46			0.91 %

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

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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 (February 12, 2025 10:17 AM)

1/24/25
11:18 AM

SDMA	11 μ g/dL	0 - 14			
CREA	0.9 mg/dL	0.5 - 1.8			
BUN	15 mg/dL	7 - 27			
BUN/CREA	18				
ALT	73 U/L	10 - 125			
AST	39 U/L	0 - 50			37 U/L
ALKP	722 U/L	23 - 212	HIGH		

SDMA:

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