

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 (March 20, 2025 9:20 AM)						3/1/25 11:46 AM
RBC	2.53 M/ μ L	5.65 - 8.87	LOW			2.38 M/ μ L
HCT	15.6 %	37.3 - 61.7	LOW			14.7 %
HGB	5.0 g/dL	13.1 - 20.5	LOW			4.7 g/dL
MCV	61.7 fL	61.6 - 73.5				61.8 fL
MCH	19.8 pg	21.2 - 25.9	LOW			19.7 pg
MCHC	32.1 g/dL	32.0 - 37.9				32.0 g/dL
RDW	23.3 %	13.6 - 21.7			HIGH	19.5 %
%RETIC	4.9 %					1.6 %
RETIC	123.5 K/ μ L	10.0 - 110.0			HIGH	38.3 K/ μ L
RETIC-HGB	16.2 pg	22.3 - 29.6	LOW			13.9 pg
WBC	32.86 K/ μ L	5.05 - 16.76			HIGH	13.36 K/ μ L
%NEU	* 69.0 %					* 62.9 %
%LYM	* 14.8 %					* 19.8 %
%MONO	* 15.4 %					* 15.3 %
%EOS	0.8 %					1.9 %
%BASO	0.0 %					0.1 %
NEU	* 22.66 K/ μ L	2.95 - 11.64			HIGH	* 8.39 K/ μ L
BAND	* Suspected					* Suspected
LYM	* 4.86 K/ μ L	1.05 - 5.10				* 2.65 K/ μ L
MONO	* 5.07 K/ μ L	0.16 - 1.12			HIGH	* 2.04 K/ μ L
EOS	0.27 K/ μ L	0.06 - 1.23				0.26 K/ μ L
BASO	0.00 K/ μ L	0.00 - 0.10				0.02 K/ μ L
PLT	* 280 K/ μ L	148 - 484				357 K/ μ L
MPV	14.0 fL	8.7 - 13.2			HIGH	13.6 fL
PDW	-- fL	9.1 - 19.4				16.8 fL
PCT	0.39 %	0.14 - 0.46				0.49 %

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

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1. Increased RDW - Anisocytosis present - review blood film.
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 (March 20, 2025 9:26 AM)

2/12/25
10:17 AM

SDMA	9 μ g/dL	0 - 14				11 μ g/dL
CREA	0.7 mg/dL	0.5 - 1.8				0.9 mg/dL
BUN	14 mg/dL	7 - 27				15 mg/dL
BUN/CREA	19					18
ALT	38 U/L	10 - 125				73 U/L
AST	36 U/L	0 - 50				39 U/L

SDMA:

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