

Client: MIEMPIN, MARY ANN (111025) Gender: Female
 Patient Name: PEPPER Weight:
 Species: Canine Age: 4 Years
 Breed: Shih Tzu Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH	
ProCyte Dx (March 16, 2023 9:23 AM)						12/2/22 10:31 AM
RBC	2.14 M/ μ L	5.65 - 8.87	LOW			6.21 M/ μ L
HCT	12.7 %	37.3 - 61.7	LOW			35.9 %
HGB	3.7 g/dL	13.1 - 20.5	LOW			12.3 g/dL
MCV	59.3 fL	61.6 - 73.5	LOW			57.8 fL
MCH	17.3 pg	21.2 - 25.9	LOW			19.8 pg
MCHC	29.1 g/dL	32.0 - 37.9	LOW			34.3 g/dL
RDW	26.7 %	13.6 - 21.7	HIGH			16.3 %
%RETIC	18.9 %					1.8 %
RETIC	404.5 K/ μ L	10.0 - 110.0	HIGH			114.3 K/ μ L
RETIC-HGB	17.3 pg	22.3 - 29.6	LOW			24.7 pg
WBC	33.57 K/ μ L	5.05 - 16.76	HIGH			18.61 K/ μ L
%NEU	* 63.8 %					70.7 %
%LYM	* 25.0 %					15.7 %
%MONO	* 9.3 %					4.4 %
%EOS	1.8 %					8.0 %
%BASO	0.1 %					1.2 %
NEU	* 21.44 K/ μ L	2.95 - 11.64	HIGH			13.16 K/ μ L
BAND	* Suspected					
LYM	* 8.38 K/ μ L	1.05 - 5.10	HIGH			2.93 K/ μ L
MONO	* 3.12 K/ μ L	0.16 - 1.12	HIGH			0.82 K/ μ L
EOS	0.59 K/ μ L	0.06 - 1.23				1.48 K/ μ L
BASO	0.04 K/ μ L	0.00 - 0.10				0.22 K/ μ L
PLT	* 0 K/ μ L	148 - 484	LOW			331 K/ μ L
MPV	13.7 fL	8.7 - 13.2	HIGH			12.2 fL
PDW	-- fL	9.1 - 19.4				12.4 fL
PCT	0.00 %	0.14 - 0.46	LOW			0.40 %

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

1. Anemia with reticulocytosis - Likely regenerative anemia.
2. Increased RDW - Anisocytosis present - review blood film.
3. Microcytic hypochromic anemia - Likely iron-deficiency anemia.
4. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

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