

Client: LABOR, FELIXBERTO
 (08092024)
 Patient Name: MOLLY
 Species: Canine
 Breed: Other

Gender: Female
 Weight:
 Age: 9 Weeks
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH	
ProCyte Dx (August 17, 2024 1:44 PM)						8/10/24 1:35 PM
RBC	2.85 M/ μ L	5.65 - 8.87	LOW			2.99 M/ μ L
HCT	17.9 %	37.3 - 61.7	LOW			16.6 %
HGB	5.2 g/dL	13.1 - 20.5	LOW			5.2 g/dL
MCV	62.8 fL	61.6 - 73.5				55.5 fL
MCH	18.2 pg	21.2 - 25.9	LOW			17.4 pg
MCHC	29.1 g/dL	32.0 - 37.9	LOW			31.3 g/dL
RDW	24.3 %	13.6 - 21.7	HIGH			22.4 %
%RETIC	10.4 %					8.3 %
RETIC	295.5 K/ μ L	10.0 - 110.0	HIGH			247.9 K/ μ L
RETIC-HGB	19.9 pg	22.3 - 29.6	LOW			21.6 pg
WBC	19.79 K/ μ L	5.05 - 16.76	HIGH			40.88 K/ μ L
%NEU	73.3 %					* 73.3 %
%LYM	18.3 %					* 16.2 %
%MONO	5.7 %					* 9.1 %
%EOS	2.1 %					1.3 %
%BASO	0.6 %					0.1 %
NEU	14.50 K/ μ L	2.95 - 11.64	HIGH			* 29.96 K/ μ L
LYM	3.63 K/ μ L	1.05 - 5.10				* 6.62 K/ μ L
MONO	1.13 K/ μ L	0.16 - 1.12	HIGH			* 3.72 K/ μ L
EOS	0.42 K/ μ L	0.06 - 1.23				0.54 K/ μ L
BASO	0.11 K/ μ L	0.00 - 0.10	HIGH			0.04 K/ μ L
PLT	* 270 K/ μ L	148 - 484				* 358 K/ μ L
MPV	15.8 fL	8.7 - 13.2	HIGH			15.1 fL
PDW	-- fL	9.1 - 19.4				-- fL
PCT	0.43 %	0.14 - 0.46				0.54 %

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

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

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