

Client: LAGAT, MITZI (CF8582)  
 Patient Name: PEEWEE  
 Species: Canine  
 Breed: Mixed

Gender: Female  
 Weight:  
 Age: 3 Years  
 Doctor: DANIEL JON BATINGA

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (December 9, 2020 3:43 AM)					
					12/1/20 1:18 AM
RBC	4.12 M/ $\mu$ L	5.65 - 8.87	LOW		5.79 M/ $\mu$ L
HCT	23.9 %	37.3 - 61.7	LOW		33.3 %
HGB	8.6 g/dL	13.1 - 20.5	LOW		12.4 g/dL
MCV	58.0 fL	61.6 - 73.5	LOW		57.5 fL
MCH	20.9 pg	21.2 - 25.9	LOW		21.4 pg
MCHC	36.0 g/dL	32.0 - 37.9			37.2 g/dL
RDW	22.0 %	13.6 - 21.7	HIGH		22.1 %
%RETIC	0.9 %				0.0 %
RETIC	36.7 K/ $\mu$ L	10.0 - 110.0			1.2 K/ $\mu$ L
RETIC-HGB	21.1 pg	22.3 - 29.6	LOW		21.1 pg
WBC	7.10 K/ $\mu$ L	5.05 - 16.76			6.62 K/ $\mu$ L
%NEU	60.6 %				* 78.1 %
%LYM	20.7 %				* 8.8 %
%MONO	18.7 %				* 13.1 %
%EOS	0.0 %				0.0 %
%BASO	0.0 %				0.0 %
NEU	4.30 K/ $\mu$ L	2.95 - 11.64			* 5.17 K/ $\mu$ L
LYM	1.47 K/ $\mu$ L	1.05 - 5.10			* 0.58 K/ $\mu$ L
MONO	1.33 K/ $\mu$ L	0.16 - 1.12	HIGH		* 0.87 K/ $\mu$ L
EOS	0.00 K/ $\mu$ L	0.06 - 1.23	LOW		0.00 K/ $\mu$ L
BASO	0.00 K/ $\mu$ L	0.00 - 0.10			0.00 K/ $\mu$ L
PLT	* 85 K/ $\mu$ L	148 - 484	LOW		* 8 K/ $\mu$ L
MPV	12.8 fL	8.7 - 13.2			17.0 fL
PDW	-- fL	9.1 - 19.4			-- fL
PCT	0.11 %	0.14 - 0.46	LOW		0.01 %

\* 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. 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)