

Client: BATINGA, DOC (112242)
 Patient Name: LAAW
 Species: Canine
 Breed: Other

Gender: Male
 Weight:
 Age: 2 Years
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (April 27, 2023 3:04 PM)					
RBC	6.84 M/ μ L	5.65 - 8.87			
HCT	34.7 %	37.3 - 61.7	LOW		
HGB	9.9 g/dL	13.1 - 20.5	LOW		
MCV	50.7 fL	61.6 - 73.5	LOW		
MCH	14.5 pg	21.2 - 25.9	LOW		
MCHC	28.5 g/dL	32.0 - 37.9	LOW		
RDW	24.6 %	13.6 - 21.7			HIGH
%RETIC	2.8 %				
RETIC	189.5 K/ μ L	10.0 - 110.0			HIGH
RETIC-HGB	18.0 pg	22.3 - 29.6	LOW		
WBC	* 22.41 K/ μ L	5.05 - 16.76			HIGH
%NEU	* 81.4 %				
%LYM	* 13.7 %				
%MONO	* 4.4 %				
%EOS	* 0.3 %				
%BASO	* 0.2 %				
NEU	* 18.24 K/ μ L	2.95 - 11.64			HIGH
LYM	* 3.07 K/ μ L	1.05 - 5.10			
MONO	* 0.99 K/ μ L	0.16 - 1.12			
EOS	* 0.07 K/ μ L	0.06 - 1.23			
BASO	* 0.04 K/ μ L	0.00 - 0.10			
nRBC	* Suspected				
PLT	* 705 K/ μ L	148 - 484			HIGH
MPV	15.2 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	1.07 %	0.14 - 0.46			HIGH

* 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).