

Client: MALAZARTE, MARICEL  
 (106239)  
 Patient Name: BUDDY  
 Species: Canine  
 Breed: Mixed

Gender: Male  
 Weight:  
 Age: 7 Months  
 Doctor: DANIEL JON BATINGA

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (January 10, 2021 11:44 PM)					
RBC	4.72 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	22.9 %	37.3 - 61.7	LOW		
HGB	7.6 g/dL	13.1 - 20.5	LOW		
MCV	48.5 fL	61.6 - 73.5	LOW		
MCH	16.1 pg	21.2 - 25.9	LOW		
MCHC	33.2 g/dL	32.0 - 37.9			
RDW	26.8 %	13.6 - 21.7			HIGH
%RETIC	3.1 %				
RETIC	145.8 K/ $\mu$ L	10.0 - 110.0			HIGH
RETIC-HGB	16.5 pg	22.3 - 29.6	LOW		
WBC	11.98 K/ $\mu$ L	5.05 - 16.76			
%NEU	73.4 %				
%LYM	10.1 %				
%MONO	7.1 %				
%EOS	8.2 %				
%BASO	1.2 %				
NEU	8.80 K/ $\mu$ L	2.95 - 11.64			
LYM	1.21 K/ $\mu$ L	1.05 - 5.10			
MONO	0.85 K/ $\mu$ L	0.16 - 1.12			
EOS	0.98 K/ $\mu$ L	0.06 - 1.23			
BASO	0.14 K/ $\mu$ L	0.00 - 0.10			HIGH
PLT	* 264 K/ $\mu$ L	148 - 484			
MPV	19.2 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.51 %	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. Low RETIC-HGB-decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis)