

Client: TORRION, THIANA (105143)
 Patient Name: LOUIE
 Species: Canine
 Breed: Mixed

Gender: Male
 Weight:
 Age: 6 Years
 Doctor: DANIEL JON BATINGA

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (November 9, 2020 9:49 PM)					
RBC	1.51 M/ μ L	5.65 - 8.87	LOW		
HCT	7.5 %	37.3 - 61.7	LOW		
HGB	2.1 g/dL	13.1 - 20.5	LOW		
MCV	49.7 fL	61.6 - 73.5	LOW		
MCH	13.9 pg	21.2 - 25.9	LOW		
MCHC	28.0 g/dL	32.0 - 37.9	LOW		
RDW	28.2 %	13.6 - 21.7			HIGH
%RETIC	14.7 %				
RETIC	221.2 K/ μ L	10.0 - 110.0			HIGH
RETIC-HGB	16.9 pg	22.3 - 29.6	LOW		
WBC	35.51 K/ μ L	5.05 - 16.76			HIGH
%NEU	76.8 %				
%LYM	10.4 %				
%MONO	12.5 %				
%EOS	0.1 %				
%BASO	0.2 %				
NEU	27.26 K/ μ L	2.95 - 11.64			HIGH
LYM	3.69 K/ μ L	1.05 - 5.10			
MONO	4.45 K/ μ L	0.16 - 1.12			HIGH
EOS	0.04 K/ μ L	0.06 - 1.23	LOW		
BASO	0.07 K/ μ L	0.00 - 0.10			
PLT	* 13 K/ μ L	148 - 484	LOW		
MPV	23.8 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.03 %	0.14 - 0.46	LOW		

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