

Client: LACIDA, EDGAR (109534)  
 Patient Name: NO NAME  
 Species: Canine  
 Breed: Mixed

Gender: Female  
 Weight:  
 Age: 3 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (May 19, 2022 4:54 PM)</b>					
RBC	3.40 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	18.8 %	37.3 - 61.7	LOW		
HGB	6.8 g/dL	13.1 - 20.5	LOW		
MCV	55.3 fL	61.6 - 73.5	LOW		
MCH	20.0 pg	21.2 - 25.9	LOW		
MCHC	36.2 g/dL	32.0 - 37.9			
RDW	19.8 %	13.6 - 21.7			
%RETIC	0.3 %				
RETIC	10.2 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	19.8 pg	22.3 - 29.6	LOW		
WBC	21.08 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	76.8 %				
%LYM	6.3 %				
%MONO	16.4 %				
%EOS	0.4 %				
%BASO	0.1 %				
NEU	16.20 K/ $\mu$ L	2.95 - 11.64			HIGH
LYM	1.32 K/ $\mu$ L	1.05 - 5.10			
MONO	3.45 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.08 K/ $\mu$ L	0.06 - 1.23			
BASO	0.03 K/ $\mu$ L	0.00 - 0.10			
PLT	* 83 K/ $\mu$ L	148 - 484	LOW		
MPV	17.9 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.15 %	0.14 - 0.46			

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

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.
2. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

1. Monocytosis - Consider inflammation.

**Catalyst One (May 19, 2022 5:00 PM)**

GLU	84 mg/dL	74 - 143			
CREA	1.7 mg/dL	0.5 - 1.8			
BUN	31 mg/dL	7 - 27			HIGH
BUN/CREA	18				
TP	6.1 g/dL	5.2 - 8.2			
ALB	1.9 g/dL	2.3 - 4.0	LOW		
GLOB	4.2 g/dL	2.5 - 4.5			
ALB/GLOB	0.5				
ALT	33 U/L	10 - 125			
ALKP	148 U/L	23 - 212			