

Client: RIVERA, ADRIAN (101647)  
 Patient Name: STARRO  
 Species: Canine  
 Breed: Mixed

Gender: Male  
 Weight:  
 Age: 11 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (April 10, 2023 12:19 PM)</b>					
RBC	6.80 M/ $\mu$ L	5.65 - 8.87			
HCT	35.5 %	37.3 - 61.7	LOW		
HGB	13.2 g/dL	13.1 - 20.5			
MCV	52.2 fL	61.6 - 73.5	LOW		
MCH	19.4 pg	21.2 - 25.9	LOW		
MCHC	37.2 g/dL	32.0 - 37.9			
RDW	21.2 %	13.6 - 21.7			
%RETIC	0.5 %				
RETIC	34.7 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	21.7 pg	22.3 - 29.6	LOW		
WBC	24.46 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	84.0 %				
%LYM	7.2 %				
%MONO	7.0 %				
%EOS	1.8 %				
%BASO	0.0 %				
NEU	20.53 K/ $\mu$ L	2.95 - 11.64			HIGH
LYM	1.76 K/ $\mu$ L	1.05 - 5.10			
MONO	1.71 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.45 K/ $\mu$ L	0.06 - 1.23			
BASO	0.01 K/ $\mu$ L	0.00 - 0.10			
PLT	374 K/ $\mu$ L	148 - 484			
MPV	13.5 fL	8.7 - 13.2			HIGH
PDW	13.7 fL	9.1 - 19.4			
PCT	0.50 %	0.14 - 0.46			HIGH

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 (if lymphopenia, consider glucocorticoid response).

**Catalyst One (April 10, 2023 12:25 PM)**

GLU	93 mg/dL	70 - 143			
CREA	0.9 mg/dL	0.5 - 1.8			
BUN	10 mg/dL	7 - 27			
BUN/CREA	11				
TP	6.7 g/dL	5.2 - 8.2			
ALB	2.5 g/dL	2.2 - 3.9			
GLOB	4.2 g/dL	2.5 - 4.5			
ALB/GLOB	0.6				
ALT	38 U/L	10 - 125			
ALKP	622 U/L	23 - 212			HIGH