

Client: RAMIRO, PEARL (107549)  
 Patient Name: CUTIE  
 Species: Canine  
 Breed: Other

Gender: Female  
 Weight:  
 Age: 6 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (February 22, 2024 11:43 AM)</b>					
RBC	5.14 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	29.1 %	37.3 - 61.7	LOW		
HGB	10.9 g/dL	13.1 - 20.5	LOW		
MCV	56.6 fL	61.6 - 73.5	LOW		
MCH	21.2 pg	21.2 - 25.9			
MCHC	37.5 g/dL	32.0 - 37.9			
RDW	14.4 %	13.6 - 21.7			
%RETIC	0.2 %				
RETIC	10.3 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	20.8 pg	22.3 - 29.6	LOW		
WBC	5.96 K/ $\mu$ L	5.05 - 16.76			
%NEU	79.2 %				
%LYM	8.4 %				
%MONO	9.6 %				
%EOS	1.8 %				
%BASO	1.0 %				
NEU	4.72 K/ $\mu$ L	2.95 - 11.64			
LYM	0.50 K/ $\mu$ L	1.05 - 5.10	LOW		
MONO	0.57 K/ $\mu$ L	0.16 - 1.12			
EOS	0.11 K/ $\mu$ L	0.06 - 1.23			
BASO	0.06 K/ $\mu$ L	0.00 - 0.10			
PLT	* 48 K/ $\mu$ L	148 - 484	LOW		
MPV	14.8 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.07 %	0.14 - 0.46	LOW		

\* 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. Lymphopenia - Likely stress leukogram (glucocorticoid response).

**4Dx Plus (February 22, 2024 12:04 PM)**

AP\_spp Negative  
 EH\_spp Positive  
 HW Negative  
 Lyme Negative