

Client: RODRIGUEZ, MARILOU  
 (107787)  
 Patient Name: CHASE  
 Species: Canine  
 Breed: Mixed

Gender: Male  
 Weight:  
 Age: 5 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (February 7, 2024 2:41 PM)</b>					
RBC	2.80 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	16.1 %	37.3 - 61.7	LOW		
HGB	6.0 g/dL	13.1 - 20.5	LOW		
MCV	57.5 fL	61.6 - 73.5	LOW		
MCH	21.4 pg	21.2 - 25.9			
MCHC	37.3 g/dL	32.0 - 37.9			
RDW	16.1 %	13.6 - 21.7			
%RETIC	0.1 %				
RETIC	1.4 K/ $\mu$ L	10.0 - 110.0	LOW		
RETIC-HGB	21.9 pg	22.3 - 29.6	LOW		
WBC	5.63 K/ $\mu$ L	5.05 - 16.76			
%NEU	85.4 %				
%LYM	9.8 %				
%MONO	4.1 %				
%EOS	0.2 %				
%BASO	0.5 %				
NEU	4.81 K/ $\mu$ L	2.95 - 11.64			
LYM	0.55 K/ $\mu$ L	1.05 - 5.10	LOW		
MONO	0.23 K/ $\mu$ L	0.16 - 1.12			
EOS	0.01 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.03 K/ $\mu$ L	0.00 - 0.10			
PLT	* 26 K/ $\mu$ L	148 - 484	LOW		
MPV	16.3 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.04 %	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 7, 2024 2:57 PM)**

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