

Client: CENABRE, MARIO (116922)      Gender: Male  
 Patient Name: SPARKY                      Weight:  
 Species: Canine                              Age: 7 Years  
 Breed: Shih Tzu                                Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (December 4, 2024 11:13 AM)</b>					
RBC	7.23 M/ $\mu$ L	5.65 - 8.87			
HCT	43.5 %	37.3 - 61.7			
HGB	15.6 g/dL	13.1 - 20.5			
MCV	60.2 fL	61.6 - 73.5	LOW		
MCH	21.6 pg	21.2 - 25.9			
MCHC	35.9 g/dL	32.0 - 37.9			
RDW	16.4 %	13.6 - 21.7			
%RETIC	0.3 %				
RETIC	18.8 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	19.6 pg	22.3 - 29.6	LOW		
WBC	3.43 K/ $\mu$ L	5.05 - 16.76	LOW		
%NEU	61.7 %				
%LYM	22.2 %				
%MONO	14.6 %				
%EOS	0.6 %				
%BASO	0.9 %				
NEU	2.12 K/ $\mu$ L	2.95 - 11.64	LOW		
LYM	0.76 K/ $\mu$ L	1.05 - 5.10	LOW		
MONO	0.50 K/ $\mu$ L	0.16 - 1.12			
EOS	0.02 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.03 K/ $\mu$ L	0.00 - 0.10			
PLT	* 7 K/ $\mu$ L	148 - 484	LOW		
MPV	18.4 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.01 %	0.14 - 0.46	LOW		

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

1. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

1. Lymphopenia - Likely stress leukogram (glucocorticoid response).

**4Dx Plus (December 4, 2024 11:32 AM)**

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