

Client: IPANAG, ETHEL (117964)  
 Patient Name: MALOU  
 Species: Canine  
 Breed: Shih Tzu

Gender: Male  
 Weight:  
 Age: 6 Months  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (March 22, 2025 1:26 PM)</b>					
RBC	3.91 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	24.3 %	37.3 - 61.7	LOW		
HGB	8.6 g/dL	13.1 - 20.5	LOW		
MCV	62.1 fL	61.6 - 73.5			
MCH	22.0 pg	21.2 - 25.9			
MCHC	35.4 g/dL	32.0 - 37.9			
RDW	17.2 %	13.6 - 21.7			
%RETIC	1.2 %				
RETIC	46.5 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	20.9 pg	22.3 - 29.6	LOW		
WBC	6.64 K/ $\mu$ L	5.05 - 16.76			
%NEU	74.3 %				
%LYM	14.6 %				
%MONO	9.2 %				
%EOS	1.4 %				
%BASO	0.5 %				
NEU	4.94 K/ $\mu$ L	2.95 - 11.64			
LYM	0.97 K/ $\mu$ L	1.05 - 5.10	LOW		
MONO	0.61 K/ $\mu$ L	0.16 - 1.12			
EOS	0.09 K/ $\mu$ L	0.06 - 1.23			
BASO	0.03 K/ $\mu$ L	0.00 - 0.10			
PLT	* 6 K/ $\mu$ L	148 - 484	LOW		
MPV	18.0 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. 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 (March 22, 2025 1:43 PM)**

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