

Client: HALAPIT, LOUIE (116818)  
 Patient Name: LOCO  
 Species: Canine  
 Breed: Shih Tzu

Gender: Male  
 Weight:  
 Age: 13 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (November 18, 2024 11:00 AM)</b>					
RBC	6.10 M/ $\mu$ L	5.65 - 8.87			
HCT	38.0 %	37.3 - 61.7			
HGB	13.6 g/dL	13.1 - 20.5			
MCV	62.3 fL	61.6 - 73.5			
MCH	22.3 pg	21.2 - 25.9			
MCHC	35.8 g/dL	32.0 - 37.9			
RDW	16.0 %	13.6 - 21.7			
%RETIC	0.1 %				
RETIC	7.9 K/ $\mu$ L	10.0 - 110.0	LOW		
RETIC-HGB	19.1 pg	22.3 - 29.6	LOW		
WBC	3.31 K/ $\mu$ L	5.05 - 16.76	LOW		
%NEU	68.9 %				
%LYM	11.5 %				
%MONO	19.0 %				
%EOS	0.0 %				
%BASO	0.6 %				
NEU	2.28 K/ $\mu$ L	2.95 - 11.64	LOW		
LYM	0.38 K/ $\mu$ L	1.05 - 5.10	LOW		
MONO	0.63 K/ $\mu$ L	0.16 - 1.12			
EOS	0.00 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.02 K/ $\mu$ L	0.00 - 0.10			
PLT	* 10 K/ $\mu$ L	148 - 484	LOW		
MPV	22.3 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.02 %	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).

**Catalyst One (November 18, 2024 11:11 AM)**

SDMA	12 $\mu$ g/dL	0 - 14			
CREA	1.0 mg/dL	0.5 - 1.8			
BUN	32 mg/dL	7 - 27			HIGH
BUN/CREA	33				
ALT	199 U/L	10 - 125			HIGH
AST	87 U/L	0 - 50			HIGH
ALKP	196 U/L	23 - 212			

SDMA:

SDMA and CREA within reference interval: impairment of GFR is unlikely. Recommended next step: evaluate complete urinalysis.