

Client: MACADANGDANG, DORIS  
 (112981)  
 Patient Name: LILY  
 Species: Canine  
 Breed: Chow Chow

Gender: Female  
 Weight:  
 Age: 5 Months  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (July 18, 2023 10:12 AM)</b>					
RBC	4.18 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	18.7 %	37.3 - 61.7	LOW		
HGB	6.8 g/dL	13.1 - 20.5	LOW		
MCV	44.7 fL	61.6 - 73.5	LOW		
MCH	16.3 pg	21.2 - 25.9	LOW		
MCHC	36.4 g/dL	32.0 - 37.9			
RDW	21.8 %	13.6 - 21.7			HIGH
%RETIC	0.3 %				
RETIC	14.2 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	18.3 pg	22.3 - 29.6	LOW		
WBC	7.70 K/ $\mu$ L	5.05 - 16.76			
%NEU	76.0 %				
%LYM	10.0 %				
%MONO	13.9 %				
%EOS	0.0 %				
%BASO	0.1 %				
NEU	5.85 K/ $\mu$ L	2.95 - 11.64			
LYM	0.77 K/ $\mu$ L	1.05 - 5.10	LOW		
MONO	1.07 K/ $\mu$ L	0.16 - 1.12			
EOS	0.00 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.01 K/ $\mu$ L	0.00 - 0.10			
PLT	* 55 K/ $\mu$ L	148 - 484	LOW		
MPV	19.2 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.11 %	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).

**Catalyst One (July 18, 2023 10:18 AM)**

CREA	0.5 mg/dL	0.3 - 1.2			
BUN	8 mg/dL	7 - 29			
BUN/CREA	17				
ALT	35 U/L	8 - 75			
AST	155 U/L	0 - 50			HIGH
ALKP	174 U/L	46 - 337			