

Client: METTAMMEL, MARY AGNES  
 (102296)  
 Patient Name: BUTTER  
 Species: Canine  
 Breed: Chow Chow

Gender: Male  
 Weight:  
 Age: 3 Years  
 Doctor: ALYNN ALBARECE

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (September 20, 2021 10:02 AM)</b>					
RBC	5.56 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	32.0 %	37.3 - 61.7	LOW		
HGB	11.2 g/dL	13.1 - 20.5	LOW		
MCV	57.6 fL	61.6 - 73.5	LOW		
MCH	20.1 pg	21.2 - 25.9	LOW		
MCHC	35.0 g/dL	32.0 - 37.9			
RDW	17.4 %	13.6 - 21.7			
%RETIC	0.2 %				
RETIC	11.7 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	21.0 pg	22.3 - 29.6	LOW		
WBC	16.65 K/ $\mu$ L	5.05 - 16.76			
%NEU	49.3 %				
%LYM	30.1 %				
%MONO	12.9 %				
%EOS	7.6 %				
%BASO	0.1 %				
NEU	8.20 K/ $\mu$ L	2.95 - 11.64			
LYM	5.01 K/ $\mu$ L	1.05 - 5.10			
MONO	2.15 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	1.27 K/ $\mu$ L	0.06 - 1.23			HIGH
BASO	0.02 K/ $\mu$ L	0.00 - 0.10			
PLT	* 114 K/ $\mu$ L	148 - 484	LOW		
MPV	12.7 fL	8.7 - 13.2			
PDW	-- fL	9.1 - 19.4			
PCT	0.14 %	0.14 - 0.46			

\* 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. Monocytosis - Consider inflammation (if lymphopenia, consider glucocorticoid response).