

Client: MONTES, ARLA (101420)  
 Patient Name: DUTCHIE  
 Species: Canine  
 Breed: Other

Gender: Male  
 Weight:  
 Age: 18 Months  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (August 11, 2022 4:10 PM)</b>					
RBC	4.29 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	26.4 %	37.3 - 61.7	LOW		
HGB	8.9 g/dL	13.1 - 20.5	LOW		
MCV	61.5 fL	61.6 - 73.5	LOW		
MCH	20.7 pg	21.2 - 25.9	LOW		
MCHC	33.7 g/dL	32.0 - 37.9			
RDW	18.8 %	13.6 - 21.7			
%RETIC	3.3 %				
RETIC	142.0 K/ $\mu$ L	10.0 - 110.0			HIGH
RETIC-HGB	21.9 pg	22.3 - 29.6	LOW		
WBC	12.17 K/ $\mu$ L	5.05 - 16.76			
%NEU	38.6 %				
%LYM	43.3 %				
%MONO	11.8 %				
%EOS	5.8 %				
%BASO	0.5 %				
NEU	4.70 K/ $\mu$ L	2.95 - 11.64			
LYM	5.27 K/ $\mu$ L	1.05 - 5.10			HIGH
MONO	1.44 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.70 K/ $\mu$ L	0.06 - 1.23			
BASO	0.06 K/ $\mu$ L	0.00 - 0.10			
PLT	* 88 K/ $\mu$ L	148 - 484	LOW		
MPV	19.2 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.17 %	0.14 - 0.46			

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

1. Anemia with reticulocytosis - Likely 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).

**4Dx Plus (August 11, 2022 4:31 PM)**

AP_spp	Negative
EC-EE	Negative
HW	Negative
Lyme	Negative