

Client: MERTO, ISZA (107123)  
 Patient Name: AIKO  
 Species: Canine  
 Breed: Golden Retriever

Gender: Male  
 Weight:  
 Age: 10 Months  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (October 8, 2021 1:55 PM)</b>					
RBC	4.65 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	30.5 %	37.3 - 61.7	LOW		
HGB	11.3 g/dL	13.1 - 20.5	LOW		
MCV	65.6 fL	61.6 - 73.5			
MCH	24.3 pg	21.2 - 25.9			
MCHC	37.0 g/dL	32.0 - 37.9			
RDW	14.0 %	13.6 - 21.7			
%RETIC	0.1 %				
RETIC	3.3 K/ $\mu$ L	10.0 - 110.0	LOW		
RETIC-HGB	21.6 pg	22.3 - 29.6	LOW		
WBC	7.57 K/ $\mu$ L	5.05 - 16.76			
%NEU	* 62.9 %				
%LYM	* 15.3 %				
%MONO	* 21.3 %				
%EOS	0.1 %				
%BASO	0.4 %				
NEU	* 4.76 K/ $\mu$ L	2.95 - 11.64			
<b>BAND</b>	<b>* Suspected</b>				
LYM	* 1.16 K/ $\mu$ L	1.05 - 5.10			
MONO	* 1.61 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.01 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.03 K/ $\mu$ L	0.00 - 0.10			
PLT	* 16 K/ $\mu$ L	148 - 484	LOW		
MPV	18.7 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.03 %	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. Immature and/or toxic neutrophils likely present - Consider inflammation.

**4Dx Plus (October 8, 2021 2:16 PM)**

AP\_spp Negative  
 EC-EE Negative  
 HW Negative  
 Lyme Negative