

Client: CERVANTES, GENEVEV  
 (112152)  
 Patient Name: DIABLO  
 Species: Canine  
 Breed: Doberman Pinscher

Gender: Male  
 Weight:  
 Age: 8 Months  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (April 21, 2023 12:19 PM)</b>					
RBC	7.87 M/ $\mu$ L	5.65 - 8.87			
HCT	37.1 %	37.3 - 61.7	LOW		
HGB	12.2 g/dL	13.1 - 20.5	LOW		
MCV	47.1 fL	61.6 - 73.5	LOW		
MCH	15.5 pg	21.2 - 25.9	LOW		
MCHC	32.9 g/dL	32.0 - 37.9			
RDW	24.5 %	13.6 - 21.7			HIGH
%RETIC	0.1 %				
RETIC	4.7 K/ $\mu$ L	10.0 - 110.0	LOW		
RETIC-HGB	16.5 pg	22.3 - 29.6	LOW		
WBC	23.26 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	* 79.1 %				
%LYM	* 9.4 %				
%MONO	* 11.2 %				
%EOS	0.1 %				
%BASO	0.2 %				
NEU	* 18.41 K/ $\mu$ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 2.18 K/ $\mu$ L	1.05 - 5.10			
MONO	* 2.60 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.03 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.04 K/ $\mu$ L	0.00 - 0.10			
PLT	537 K/ $\mu$ L	148 - 484			HIGH
MPV	10.9 fL	8.7 - 13.2			
PDW	9.5 fL	9.1 - 19.4			
PCT	0.59 %	0.14 - 0.46			HIGH

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

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.
2. Increased RDW - Anisocytosis present - review blood film.
3. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

1. Immature and/or toxic neutrophils likely present - Consider inflammation.

**Catalyst One (April 21, 2023 12:33 PM)**

CREA	0.6 mg/dL	0.5 - 1.8			
BUN	18 mg/dL	7 - 27			
BUN/CREA	28				
ALT	35 U/L	10 - 125			
AST	50 U/L	0 - 50			
ALKP	360 U/L	23 - 212			HIGH