

Client: RAMIREZ, APRIL (107419)  
 Patient Name: PEBO  
 Species: Canine  
 Breed: Labrador Retriever

Gender: Male  
 Weight:  
 Age: 2 Months  
 Doctor: DANIEL JON BATINGA

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (April 2, 2021 9:53 PM)</b>					
RBC	2.12 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	10.7 %	37.3 - 61.7	LOW		
HGB	4.0 g/dL	13.1 - 20.5	LOW		
MCV	50.5 fL	61.6 - 73.5	LOW		
MCH	18.9 pg	21.2 - 25.9	LOW		
MCHC	37.4 g/dL	32.0 - 37.9			
RDW	22.0 %	13.6 - 21.7			HIGH
%RETIC	9.5 %				
RETIC	201.0 K/ $\mu$ L	10.0 - 110.0			HIGH
RETIC-HGB	21.8 pg	22.3 - 29.6	LOW		
WBC	37.18 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	* 67.9 %				
%LYM	* 11.6 %				
%MONO	* 20.3 %				
%EOS	0.0 %				
%BASO	0.2 %				
NEU BAND	* 25.22 K/ $\mu$ L * Suspected	2.95 - 11.64			HIGH
LYM	* 4.33 K/ $\mu$ L	1.05 - 5.10			
MONO	* 7.53 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.01 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.09 K/ $\mu$ L	0.00 - 0.10			
PLT	* 14 K/ $\mu$ L	148 - 484	LOW		
MPV	15.8 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.02 %	0.14 - 0.46	LOW		

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

**Catalyst One (April 2, 2021 10:03 PM)**

GLU	88 mg/dL	77 - 150			
CREA	-- mg/dL	0.3 - 1.2			
BUN	117 mg/dL	7 - 29			HIGH
TP	3.3 g/dL	4.8 - 7.2	LOW		
ALB	1.6 g/dL	2.1 - 3.6	LOW		
GLOB	1.7 g/dL	2.3 - 3.8	LOW		
ALB/GLOB	0.9				
ALT	63 U/L	8 - 75			
ALKP	421 U/L	46 - 337			HIGH