

Client: GACHO, STEPHEN (110832)      Gender: Male  
 Patient Name: ZED      Weight:  
 Species: Canine      Age: 8 Years  
 Breed: Labrador Retriever      Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (November 9, 2022 10:34 AM)</b>					
RBC	3.55 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	16.9 %	37.3 - 61.7	LOW		
HGB	6.4 g/dL	13.1 - 20.5	LOW		
MCV	47.6 fL	61.6 - 73.5	LOW		
MCH	18.0 pg	21.2 - 25.9	LOW		
MCHC	37.9 g/dL	32.0 - 37.9			
RDW	19.5 %	13.6 - 21.7			
%RETIC	0.2 %				
RETIC	7.1 K/ $\mu$ L	10.0 - 110.0	LOW		
RETIC-HGB	20.8 pg	22.3 - 29.6	LOW		
WBC	25.23 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	* 64.7 %				
%LYM	* 26.2 %				
%MONO	* 8.6 %				
%EOS	0.4 %				
%BASO	0.1 %				
NEU	* 16.32 K/ $\mu$ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 6.60 K/ $\mu$ L	1.05 - 5.10			HIGH
MONO	* 2.18 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.10 K/ $\mu$ L	0.06 - 1.23			
BASO	0.03 K/ $\mu$ L	0.00 - 0.10			
PLT	37 K/ $\mu$ L	148 - 484	LOW		
MPV	9.5 fL	8.7 - 13.2			
PDW	7.8 fL	9.1 - 19.4	LOW		
PCT	0.04 %	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.

**Catalyst One (November 9, 2022 10:42 AM)**

CREA	11.2 mg/dL	0.5 - 1.8			HIGH
BUN	> 130 mg/dL	7 - 27			HIGH
BUN/CREA	--				
ALT	65 U/L	10 - 125			
AST	85 U/L	0 - 50			HIGH
ALKP	130 U/L	23 - 212			

CREA: Test results for the latest analyzer run have been multiplied by the dilution factor for a dilution of 1 in 6 total.