

Client: LAGO, ROBINSON (114465)      Gender:  
 Patient Name: ZORRO                      Weight:  
 Species: Canine                              Age: 12 Months  
 Breed: Other                                  Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (December 13, 2024 9:29 AM)</b>					
RBC	3.42 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	20.3 %	37.3 - 61.7	LOW		
HGB	6.8 g/dL	13.1 - 20.5	LOW		
MCV	59.4 fL	61.6 - 73.5	LOW		
MCH	19.9 pg	21.2 - 25.9	LOW		
MCHC	33.5 g/dL	32.0 - 37.9			
RDW	16.8 %	13.6 - 21.7			
%RETIC	0.3 %				
RETIC	10.6 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	25.1 pg	22.3 - 29.6			
WBC	12.79 K/ $\mu$ L	5.05 - 16.76			
%NEU	* 59.1 %				
%LYM	* 23.8 %				
%MONO	* 15.1 %				
%EOS	1.9 %				
%BASO	0.1 %				
NEU	* 7.57 K/ $\mu$ L	2.95 - 11.64			
<b>BAND</b>	<b>* Suspected</b>				
LYM	* 3.04 K/ $\mu$ L	1.05 - 5.10			
<b>MONO</b>	<b>* 1.93 K/<math>\mu</math>L</b>	<b>0.16 - 1.12</b>	<b>HIGH</b>		
EOS	0.24 K/ $\mu$ L	0.06 - 1.23			
BASO	0.01 K/ $\mu$ L	0.00 - 0.10			
<b>PLT</b>	<b>* 35 K/<math>\mu</math>L</b>	<b>148 - 484</b>	<b>LOW</b>		
<b>MPV</b>	<b>16.1 fL</b>	<b>8.7 - 13.2</b>	<b>HIGH</b>		
PDW	-- fL	9.1 - 19.4			
<b>PCT</b>	<b>0.06 %</b>	<b>0.14 - 0.46</b>	<b>LOW</b>		

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

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.

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

**Catalyst One (December 13, 2024 9:36 AM)**

SDMA	11 $\mu$ g/dL	0 - 14			
CREA	0.5 mg/dL	0.5 - 1.8			
BUN	16 mg/dL	7 - 27			
BUN/CREA	32				
<b>ALT</b>	<b>127 U/L</b>	<b>10 - 125</b>	<b>HIGH</b>		
<b>AST</b>	<b>58 U/L</b>	<b>0 - 50</b>	<b>HIGH</b>		
<b>ALKP</b>	<b>321 U/L</b>	<b>23 - 212</b>	<b>HIGH</b>		

SDMA:

SDMA and CREA within reference interval: impairment of GFR is unlikely. Recommended next step: evaluate complete urinalysis.

**4Dx Plus (December 13, 2024 9:51 AM)**

AP_spp	Positive
EH_spp	Positive
HW	Negative
Lyme	Negative