

Client: CHIO, NELSON (116679)
 Patient Name: SILVER
 Species: Canine
 Breed: German Shepherd Dog

Gender: Male
 Weight:
 Age: 9 Years
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (October 30, 2024 3:27 PM)					
RBC	1.39 M/ μ L	5.65 - 8.87	LOW		
HCT	11.3 %	37.3 - 61.7	LOW		
HGB	3.6 g/dL	13.1 - 20.5	LOW		
MCV	81.3 fL	61.6 - 73.5	HIGH		
MCH	25.9 pg	21.2 - 25.9			
MCHC	31.9 g/dL	32.0 - 37.9	LOW		
RDW	26.5 %	13.6 - 21.7	HIGH		
%RETIC	2.1 %				
RETIC	28.8 K/ μ L	10.0 - 110.0			
RETIC-HGB	33.2 pg	22.3 - 29.6	HIGH		
WBC	6.21 K/ μ L	5.05 - 16.76			
%NEU	* 90.6 %				
%LYM	* 6.3 %				
%MONO	* 2.6 %				
%EOS	0.0 %				
%BASO	0.5 %				
NEU	* 5.63 K/ μ L	2.95 - 11.64			
BAND	* Suspected				
LYM	* 0.39 K/ μ L	1.05 - 5.10	LOW		
MONO	* 0.16 K/ μ L	0.16 - 1.12			
EOS	0.00 K/ μ L	0.06 - 1.23	LOW		
BASO	0.03 K/ μ L	0.00 - 0.10			
PLT	* 0 K/ μ L	148 - 484	LOW		
MPV	15.2 fL	8.7 - 13.2	HIGH		
PDW	-- fL	9.1 - 19.4			
PCT	0.00 %	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. Increased RDW - Anisocytosis present - review blood film.

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

Catalyst One (October 30, 2024 3:34 PM)

SDMA	11 μ g/dL	0 - 14			
CREA	1.3 mg/dL	0.5 - 1.8			
BUN	14 mg/dL	7 - 27			
BUN/CREA	10				
ALT	73 U/L	10 - 125			
AST	34 U/L	0 - 50			
ALKP	368 U/L	23 - 212	HIGH		

SDMA:

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