

Client: PAGARA, SHAYNE (105008)
 Patient Name: COOPER
 Species: Canine
 Breed: Belgian Malinois

Gender: Male
 Weight: 10.78 lbs
 Age: 4 Months
 Doctor: DANIEL JON BATINGA

BATINGA ANIMAL MEDICAL
 CLINIC
 TIANO-MONTALVAN STS.
 CAGAYAN DE ORO

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (December 27, 2019 5:04 PM)					
RBC	3.66 M/ μ L	5.65 - 8.87	LOW		
HCT	21.3 %	37.3 - 61.7	LOW		
HGB	7.6 g/dL	13.1 - 20.5	LOW		
MCV	58.2 fL	61.6 - 73.5	LOW		
MCH	20.8 pg	21.2 - 25.9	LOW		
MCHC	35.7 g/dL	32.0 - 37.9			
RDW	16.4 %	13.6 - 21.7			
%RETIC	1.1 %				
RETIC	40.6 K/ μ L	10.0 - 110.0			
RETIC-HGB	19.6 pg	22.3 - 29.6	LOW		
WBC	7.92 K/ μ L	5.05 - 16.76			
%NEU	* 68.1 %				
%LYM	* 17.0 %				
%MONO	* 13.3 %				
%EOS	1.6 %				
%BASO	0.0 %				
NEU	* 5.39 K/ μ L	2.95 - 11.64			
BAND	* Suspected				
LYM	* 1.35 K/ μ L	1.05 - 5.10			
MONO	* 1.05 K/ μ L	0.16 - 1.12			
EOS	0.13 K/ μ L	0.06 - 1.23			
BASO	0.00 K/ μ L	0.00 - 0.10			
PLT	* 82 K/ μ L	148 - 484	LOW		
MPV	17.6 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.14 %	0.14 - 0.46			

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

- Likely non-regenerative anemia; consider pre-regenerative anemia
- Likely adequate platelet mass
- Decreased iron availability (consider: inflammation, iron deficiency, PSS, breed-related microcytosis)

- Immature and/or toxic neutrophils likely present - consider inflammation

Catalyst One (December 27, 2019 5:19 PM)

CREA	0.2 mg/dL	0.3 - 1.2	LOW		
BUN	12 mg/dL	7 - 29			
BUN/CREA	66				
ALT	35 U/L	8 - 75			
AST	82 U/L	0 - 50			HIGH
ALKP	216 U/L	46 - 337			