

Client: MAAGAD, MANOLO (105665)
 Patient Name: CORONA
 Species: Canine
 Breed: German Shepherd Dog

Gender: Female
 Weight:
 Age: 6 Months
 Doctor: ALYNN ALBARECE

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

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (May 5, 2020 9:12 AM)					
RBC	2.00 M/ μ L	5.65 - 8.87	LOW		
HCT	10.6 %	37.3 - 61.7	LOW		
HGB	4.1 g/dL	13.1 - 20.5	LOW		
MCV	53.0 fL	61.6 - 73.5	LOW		
MCH	20.5 pg	21.2 - 25.9	LOW		
MCHC	38.7 g/dL	32.0 - 37.9	HIGH		
RDW	16.5 %	13.6 - 21.7			
%RETIC	0.2 %				
RETIC	3.0 K/ μ L	10.0 - 110.0	LOW		
RETIC-HGB	21.9 pg	22.3 - 29.6	LOW		
WBC	17.12 K/ μ L	5.05 - 16.76	HIGH		
%NEU	* 48.8 %				
%LYM	* 28.2 %				
%MONO	* 23.0 %				
%EOS	0.0 %				
%BASO	0.0 %				
NEU	* 8.37 K/ μ L	2.95 - 11.64			
BAND	* Suspected				
LYM	* 4.82 K/ μ L	1.05 - 5.10			
MONO	* 3.93 K/ μ L	0.16 - 1.12	HIGH		
EOS	0.00 K/ μ L	0.06 - 1.23	LOW		
BASO	0.00 K/ μ L	0.00 - 0.10			
PLT	* 46 K/ μ L	148 - 484	LOW		
MPV	18.3 fL	8.7 - 13.2	HIGH		
PDW	-- fL	9.1 - 19.4			
PCT	0.08 %	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)
3. Increased MCHC or MCH-consider hemolysis (including sample collection/handling), lipemia, Heinz bodies, and agglutination

1. Immature and/or toxic neutrophils likely present - consider active inflammation
2. Monocytosis - consider inflammation (if lymphopenia, consider glucocorticoid response)