

Client: BANAS, JOYCE (105202)
 Patient Name: AKI
 Species: Canine
 Breed: Other

Gender: Male
 Weight: 7.04 lbs
 Age: 5 Months
 Doctor: ALYNN ALBARECE

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

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (January 22, 2020 8:56 AM)					
RBC	5.24 M/ μ L	5.65 - 8.87	LOW		
HCT	29.1 %	37.3 - 61.7	LOW		
HGB	10.1 g/dL	13.1 - 20.5	LOW		
MCV	55.5 fL	61.6 - 73.5	LOW		
MCH	19.3 pg	21.2 - 25.9	LOW		
MCHC	34.7 g/dL	32.0 - 37.9			
RDW	17.9 %	13.6 - 21.7			
%RETIC	0.9 %				
RETIC	48.2 K/ μ L	10.0 - 110.0			
RETIC-HGB	20.6 pg	22.3 - 29.6	LOW		
WBC	19.98 K/ μ L	5.05 - 16.76			HIGH
%NEU	* 84.7 %				
%LYM	* 7.9 %				
%MONO	* 7.0 %				
%EOS	0.3 %				
%BASO	0.1 %				
NEU	* 16.94 K/ μ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 1.58 K/ μ L	1.05 - 5.10			
MONO	* 1.40 K/ μ L	0.16 - 1.12			HIGH
EOS	0.05 K/ μ L	0.06 - 1.23	LOW		
BASO	0.01 K/ μ L	0.00 - 0.10			
PLT	* 130 K/ μ L	148 - 484	LOW		
MPV	17.0 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.22 %	0.14 - 0.46			

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

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

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