

Client: TAMALA (6848)  
 Patient Name: RANGER  
 Species: Canine  
 Breed: Mixed

Gender: Male  
 Weight:  
 Age: 9 Months  
 Doctor: DANIEL JON BATINGA

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

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (January 3, 2020 10:42 AM)</b>					
					12/12/19 10:00 AM
RBC	5.22 M/ $\mu$ L	5.65 - 8.87	LOW		8.10 M/ $\mu$ L
HCT	28.4 %	37.3 - 61.7	LOW		45.4 %
HGB	10.1 g/dL	13.1 - 20.5	LOW		15.3 g/dL
MCV	54.4 fL	61.6 - 73.5	LOW		56.0 fL
MCH	19.3 pg	21.2 - 25.9	LOW		18.9 pg
MCHC	35.6 g/dL	32.0 - 37.9			33.7 g/dL
RDW	22.4 %	13.6 - 21.7	HIGH		22.6 %
%RETIC	0.1 %				0.2 %
RETIC	6.3 K/ $\mu$ L	10.0 - 110.0	LOW		16.2 K/ $\mu$ L
RETIC-HGB	21.9 pg	22.3 - 29.6	LOW		19.5 pg
WBC	6.04 K/ $\mu$ L	5.05 - 16.76			10.99 K/ $\mu$ L
%NEU	76.8 %				* 69.2 %
%LYM	7.8 %				* 15.3 %
%MONO	12.7 %				* 13.0 %
%EOS	2.2 %				2.5 %
%BASO	0.5 %				0.0 %
NEU	4.64 K/ $\mu$ L	2.95 - 11.64			* 7.61 K/ $\mu$ L
LYM	0.47 K/ $\mu$ L	1.05 - 5.10	LOW		* 1.68 K/ $\mu$ L
MONO	0.77 K/ $\mu$ L	0.16 - 1.12			* 1.43 K/ $\mu$ L
EOS	0.13 K/ $\mu$ L	0.06 - 1.23			0.27 K/ $\mu$ L
BASO	0.03 K/ $\mu$ L	0.00 - 0.10			0.00 K/ $\mu$ L
PLT	186 K/ $\mu$ L	148 - 484			223 K/ $\mu$ L
MPV	12.0 fL	8.7 - 13.2			11.8 fL
PDW	10.0 fL	9.1 - 19.4			10.9 fL
PCT	0.22 %	0.14 - 0.46			0.26 %

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

1. Likely non-regenerative anemia; consider pre-regenerative anemia
2. Anisocytosis present - review blood film
3. Decreased iron availability (consider: inflammation, iron deficiency, PSS, breed-related microcytosis)

1. Likely stress leukogram (glucocorticoid response)

**ProCyte Dx (December 12, 2019 10:00 AM)**

RBC	8.10 M/ $\mu$ L	5.65 - 8.87			
HCT	45.4 %	37.3 - 61.7			
HGB	15.3 g/dL	13.1 - 20.5			
MCV	56.0 fL	61.6 - 73.5	LOW		
MCH	18.9 pg	21.2 - 25.9	LOW		
MCHC	33.7 g/dL	32.0 - 37.9			
RDW	22.6 %	13.6 - 21.7	HIGH		
%RETIC	0.2 %				
RETIC	16.2 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	19.5 pg	22.3 - 29.6	LOW		
WBC	10.99 K/ $\mu$ L	5.05 - 16.76			
%NEU	* 69.2 %				
%LYM	* 15.3 %				
%MONO	* 13.0 %				
%EOS	2.5 %				
%BASO	0.0 %				
NEU	* 7.61 K/ $\mu$ L	2.95 - 11.64			

Client: TAMALA (6848)  
 Patient Name: RANGER  
 Species: Canine  
 Breed: Mixed

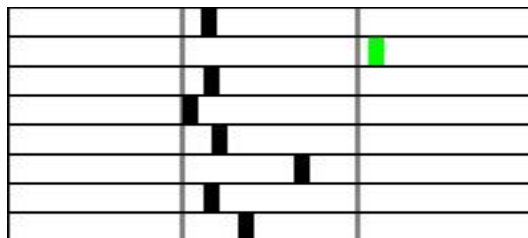
Gender: Male  
 Weight:  
 Age: 9 Months  
 Doctor: DANIEL JON BATINGA

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

Test	Results	Reference Interval	LOW	NORMAL	HIGH
------	---------	--------------------	-----	--------	------

ProCyte Dx (December 12, 2019 10:00 AM)

BAND	* Suspected		
LYM	* 1.68 K/ $\mu$ L	1.05 - 5.10	
MONO	* 1.43 K/ $\mu$ L	0.16 - 1.12	HIGH
EOS	0.27 K/ $\mu$ L	0.06 - 1.23	
BASO	0.00 K/ $\mu$ L	0.00 - 0.10	
PLT	223 K/ $\mu$ L	148 - 484	
MPV	11.8 fL	8.7 - 13.2	
PDW	10.9 fL	9.1 - 19.4	
PCT	0.26 %	0.14 - 0.46	



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

1. Anisocytosis present - review blood film
2. 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)

Catalyst One (January 3, 2020 10:54 AM)

CREA	0.7 mg/dL	0.3 - 1.2
BUN	8 mg/dL	7 - 29
BUN/CREA	10	
ALT	29 U/L	8 - 75
AST	34 U/L	0 - 50
ALKP	110 U/L	46 - 337

