

Client: MUTILAN, PEPPER (104987)  
 Patient Name: PEPPER  
 Species: Canine  
 Breed: Other

Gender: Female  
 Weight: 29.15 lbs  
 Age: 3 Years  
 Doctor: ALYNN ALBARECE

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

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (December 23, 2019 10:45 AM)</b>					
RBC	4.39 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	26.1 %	37.3 - 61.7	LOW		
HGB	9.3 g/dL	13.1 - 20.5	LOW		
MCV	59.5 fL	61.6 - 73.5	LOW		
MCH	21.2 pg	21.2 - 25.9			
MCHC	35.6 g/dL	32.0 - 37.9			
RDW	16.9 %	13.6 - 21.7			
%RETIC	3.2 %				
RETIC	141.8 K/ $\mu$ L	10.0 - 110.0			HIGH
RETIC-HGB	20.9 pg	22.3 - 29.6	LOW		
WBC	19.51 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	67.5 %				
%LYM	13.6 %				
%MONO	14.1 %				
%EOS	4.2 %				
%BASO	0.6 %				
NEU	13.16 K/ $\mu$ L	2.95 - 11.64			HIGH
LYM	2.65 K/ $\mu$ L	1.05 - 5.10			
MONO	2.76 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.82 K/ $\mu$ L	0.06 - 1.23			
BASO	0.12 K/ $\mu$ L	0.00 - 0.10			HIGH
PLT	171 K/ $\mu$ L	148 - 484			
MPV	11.7 fL	8.7 - 13.2			
PDW	12.4 fL	9.1 - 19.4			
PCT	0.20 %	0.14 - 0.46			

- Likely regenerative anemia
- Decreased iron availability (consider: inflammation, iron deficiency, PSS, breed-related microcytosis)

- Monocytosis - consider inflammation (if lymphopenia, consider glucocorticoid response)

**Catalyst One (December 23, 2019 10:54 AM)**

CREA	1.7 mg/dL	0.5 - 1.8			
BUN	20 mg/dL	7 - 27			
BUN/CREA	12				
ALT	101 U/L	10 - 125			
AST	100 U/L	0 - 50			HIGH
ALKP	347 U/L	23 - 212			HIGH