

Client: GAMONES, PETER (104831)  
 Patient Name: SUMI  
 Species: Canine  
 Breed: Other

Gender: Male  
 Weight: 10.12 lbs  
 Age: 10 Years  
 Doctor: ALYNN ALBARECE

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (November 27, 2020 12:52 AM)</b>					
RBC	6.35 M/ $\mu$ L	5.65 - 8.87			
HCT	39.2 %	37.3 - 61.7			
HGB	14.0 g/dL	13.1 - 20.5			
MCV	61.7 fL	61.6 - 73.5			
MCH	22.0 pg	21.2 - 25.9			
MCHC	35.7 g/dL	32.0 - 37.9			
RDW	20.5 %	13.6 - 21.7			
%RETIC	2.8 %				
RETIC	180.3 K/ $\mu$ L	10.0 - 110.0			HIGH
RETIC-HGB	20.9 pg	22.3 - 29.6	LOW		
WBC	14.93 K/ $\mu$ L	5.05 - 16.76			
%NEU	* 54.7 %				
%LYM	* 24.8 %				
%MONO	* 10.6 %				
%EOS	9.8 %				
%BASO	0.1 %				
NEU	* 8.15 K/ $\mu$ L	2.95 - 11.64			
BAND	* Suspected				
LYM	* 3.71 K/ $\mu$ L	1.05 - 5.10			
MONO	* 1.59 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	1.47 K/ $\mu$ L	0.06 - 1.23			HIGH
BASO	0.01 K/ $\mu$ L	0.00 - 0.10			
PLT	340 K/ $\mu$ L	148 - 484			
MPV	11.6 fL	8.7 - 13.2			
PDW	10.9 fL	9.1 - 19.4			
PCT	0.39 %	0.14 - 0.46			

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

1. Low RETIC-HGB-decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis)
2. Reticulocytosis without anemia-consider occult hemolytic or blood loss disease

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

**Catalyst One (November 27, 2020 1:06 AM)**

CREA	0.9 mg/dL	0.5 - 1.8			
BUN	10 mg/dL	7 - 27			
BUN/CREA	12				
ALT	26 U/L	10 - 125			
AST	49 U/L	0 - 50			
ALKP	48 U/L	23 - 212			