

Client: ALACHA, DANIELLE (107886)      Gender: Male  
 Patient Name: KOBI      Weight:  
 Species: Canine      Age: 14 Months  
 Breed: Other      Doctor: ALYNN ALBARECE

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (July 3, 2021 10:04 AM)</b>					
RBC	4.82 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	30.1 %	37.3 - 61.7	LOW		
HGB	10.9 g/dL	13.1 - 20.5	LOW		
MCV	62.4 fL	61.6 - 73.5			
MCH	22.6 pg	21.2 - 25.9			
MCHC	36.2 g/dL	32.0 - 37.9			
RDW	14.9 %	13.6 - 21.7			
%RETIC	0.7 %				
RETIC	35.2 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	21.4 pg	22.3 - 29.6	LOW		
WBC	20.76 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	* 71.1 %				
%LYM	* 22.2 %				
%MONO	* 6.2 %				
%EOS	0.5 %				
%BASO	0.0 %				
NEU	* 14.75 K/ $\mu$ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 4.61 K/ $\mu$ L	1.05 - 5.10			
MONO	* 1.29 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.11 K/ $\mu$ L	0.06 - 1.23			
BASO	0.00 K/ $\mu$ L	0.00 - 0.10			
PLT	218 K/ $\mu$ L	148 - 484			
MPV	11.3 fL	8.7 - 13.2			
PDW	9.2 fL	9.1 - 19.4			
PCT	0.25 %	0.14 - 0.46			

\* 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).

1. Immature and/or toxic neutrophils likely present - Consider inflammation.

**Catalyst One (July 3, 2021 10:15 AM)**

CREA	0.7 mg/dL	0.5 - 1.8			
BUN	8 mg/dL	7 - 27			
BUN/CREA	12				
ALT	30 U/L	10 - 125			
AST	30 U/L	0 - 50			
ALKP	108 U/L	23 - 212			