

Client: YANG, JAY (CF9066)  
 Patient Name: NIOCHOU  
 Species: Canine  
 Breed: Mixed

Gender: Female  
 Weight:  
 Age: 2 Years  
 Doctor: DANIEL JON BATINGA

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (March 14, 2021 11:36 PM)</b>					
RBC	7.15 M/ $\mu$ L	5.65 - 8.87			
HCT	41.5 %	37.3 - 61.7			
HGB	15.0 g/dL	13.1 - 20.5			
MCV	58.0 fL	61.6 - 73.5	LOW		
MCH	21.0 pg	21.2 - 25.9	LOW		
MCHC	36.1 g/dL	32.0 - 37.9			
RDW	19.0 %	13.6 - 21.7			
%RETIC	0.1 %				
RETIC	4.3 K/ $\mu$ L	10.0 - 110.0	LOW		
RETIC-HGB	21.4 pg	22.3 - 29.6	LOW		
WBC	8.06 K/ $\mu$ L	5.05 - 16.76			
%NEU	* 66.2 %				
%LYM	* 14.6 %				
%MONO	* 18.5 %				
%EOS	0.6 %				
%BASO	0.1 %				
NEU	* 5.33 K/ $\mu$ L	2.95 - 11.64			
<b>BAND</b>	* Suspected				
LYM	* 1.18 K/ $\mu$ L	1.05 - 5.10			
MONO	* 1.49 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.05 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.01 K/ $\mu$ L	0.00 - 0.10			
PLT	* 17 K/ $\mu$ L	148 - 484	LOW		
MPV	18.1 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.03 %	0.14 - 0.46	LOW		

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

1. 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 (March 14, 2021 11:32 PM)**

GLU	75 mg/dL	74 - 143			
CREA	1.0 mg/dL	0.5 - 1.8			
BUN	9 mg/dL	7 - 27			
BUN/CREA	9				
TP	7.5 g/dL	5.2 - 8.2			
ALB	2.6 g/dL	2.3 - 4.0			
<b>GLOB</b>	<b>5.0 g/dL</b>	<b>2.5 - 4.5</b>			HIGH
ALB/GLOB	0.5				
ALT	82 U/L	10 - 125			
ALKP	83 U/L	23 - 212			