

Client: TAPIA, VENICE (108564)  
 Patient Name: CHUI-CHUI  
 Species: Canine  
 Breed: Other

Gender: Male  
 Weight:  
 Age: 5 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (November 22, 2021 10:19 AM)</b>					
RBC	2.14 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	12.4 %	37.3 - 61.7	LOW		
HGB	3.8 g/dL	13.1 - 20.5	LOW		
MCV	57.9 fL	61.6 - 73.5	LOW		
MCH	17.8 pg	21.2 - 25.9	LOW		
MCHC	30.6 g/dL	32.0 - 37.9	LOW		
RDW	27.9 %	13.6 - 21.7			HIGH
%RETIC	7.8 %				
RETIC	167.3 K/ $\mu$ L	10.0 - 110.0			HIGH
RETIC-HGB	20.0 pg	22.3 - 29.6	LOW		
WBC	43.56 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	* 82.8 %				
%LYM	* 7.6 %				
%MONO	* 9.3 %				
%EOS	0.1 %				
%BASO	0.2 %				
NEU	* 36.11 K/ $\mu$ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 3.29 K/ $\mu$ L	1.05 - 5.10			
MONO	* 4.03 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.06 K/ $\mu$ L	0.06 - 1.23			
BASO	0.07 K/ $\mu$ L	0.00 - 0.10			
PLT	* 57 K/ $\mu$ L	148 - 484	LOW		
MPV	16.1 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.09 %	0.14 - 0.46	LOW		

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

1. Anemia with reticulocytosis - Likely regenerative anemia.
2. Increased RDW - Anisocytosis present - review blood film.
3. 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 (November 22, 2021 10:35 AM)**

CREA	0.7 mg/dL	0.5 - 1.8			
BUN	11 mg/dL	7 - 27			
BUN/CREA	15				
ALT	19 U/L	10 - 125			
AST	23 U/L	0 - 50			
ALKP	176 U/L	23 - 212			

**4Dx Plus (November 22, 2021 10:35 AM)**

AP_spp	Positive
EC-EE	Positive
HW	Negative
Lyme	Negative