

Client: ECHEM, MARLIYN (108661)      Gender: Female  
 Patient Name: QUENNIE                      Weight:  
 Species: Canine                              Age: 11 Years  
 Breed: Other                                    Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (December 3, 2024 4:45 PM)</b>					
RBC	6.23 M/ $\mu$ L	5.65 - 8.87			
HCT	37.0 %	37.3 - 61.7	LOW		
HGB	13.5 g/dL	13.1 - 20.5			
MCV	59.4 fL	61.6 - 73.5	LOW		
MCH	21.7 pg	21.2 - 25.9			
MCHC	36.5 g/dL	32.0 - 37.9			
RDW	14.7 %	13.6 - 21.7			
%RETIC	0.1 %				
RETIC	7.5 K/ $\mu$ L	10.0 - 110.0	LOW		
RETIC-HGB	24.3 pg	22.3 - 29.6			
WBC	11.49 K/ $\mu$ L	5.05 - 16.76			
%NEU	* 70.9 %				
%LYM	* 14.5 %				
%MONO	* 14.3 %				
%EOS	0.3 %				
%BASO	0.0 %				
NEU	* 8.15 K/ $\mu$ L	2.95 - 11.64			
BAND	* Suspected				
LYM	* 1.67 K/ $\mu$ L	1.05 - 5.10			
MONO	* 1.64 K/ $\mu$ L	0.16 - 1.12	HIGH		
EOS	0.03 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.00 K/ $\mu$ L	0.00 - 0.10			
PLT	* 49 K/ $\mu$ L	148 - 484	LOW		
MPV	17.5 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 without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.

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

**Catalyst One (December 3, 2024 4:54 PM)**

SDMA	55 $\mu$ g/dL	0 - 14	HIGH		
CREA	2.6 mg/dL	0.5 - 1.8	HIGH		
BUN	51 mg/dL	7 - 27	HIGH		
BUN/CREA	20				
ALT	22 U/L	10 - 125			
AST	52 U/L	0 - 50	HIGH		
ALKP	400 U/L	23 - 212	HIGH		

SDMA:

SDMA and CREA are increased: acute, active or chronic kidney injury likely. Recommended next step: complete urinalysis. For information on recommended actions visit: [www.idexx.com/sdmaalgorithm](http://www.idexx.com/sdmaalgorithm).