

Client: MICABALO, ANGEL (116833)      Gender: Female  
 Patient Name: MAYSI      Weight:  
 Species: Canine      Age: 4 Years  
 Breed: Other      Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (November 20, 2024 10:01 AM)</b>					
RBC	3.56 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	19.5 %	37.3 - 61.7	LOW		
HGB	7.5 g/dL	13.1 - 20.5	LOW		
MCV	54.8 fL	61.6 - 73.5	LOW		
MCH	21.1 pg	21.2 - 25.9	LOW		
MCHC	38.5 g/dL	32.0 - 37.9	HIGH		
RDW	14.9 %	13.6 - 21.7			
%RETIC	0.1 %				
RETIC	1.8 K/ $\mu$ L	10.0 - 110.0	LOW		
RETIC-HGB	22.6 pg	22.3 - 29.6			
WBC	11.31 K/ $\mu$ L	5.05 - 16.76			
%NEU	* 86.0 %				
%LYM	* 7.0 %				
%MONO	* 6.4 %				
%EOS	0.4 %				
%BASO	0.2 %				
NEU	* 9.73 K/ $\mu$ L	2.95 - 11.64			
BAND	* Suspected				
LYM	* 0.79 K/ $\mu$ L	1.05 - 5.10	LOW		
MONO	* 0.72 K/ $\mu$ L	0.16 - 1.12			
EOS	0.05 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.02 K/ $\mu$ L	0.00 - 0.10			
PLT	* 24 K/ $\mu$ L	148 - 484	LOW		
MPV	18.2 fL	8.7 - 13.2	HIGH		
PDW	-- fL	9.1 - 19.4			
PCT	0.04 %	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 (November 20, 2024 10:08 AM)**

SDMA	33 $\mu$ g/dL	0 - 14	HIGH		
CREA	1.8 mg/dL	0.5 - 1.8			
BUN	76 mg/dL	7 - 27	HIGH		
BUN/CREA	43				
ALT	329 U/L	10 - 125	HIGH		
AST	594 U/L	0 - 50	HIGH		
ALKP	590 U/L	23 - 212	HIGH		

SDMA:

SDMA is increased, CREA within reference interval: likely impaired GFR and kidney function.

Recommended next step: evaluate complete urinalysis. For information on recommended actions visit: [www.idexx.com/sdmaalgorithm](http://www.idexx.com/sdmaalgorithm).

**4Dx Plus (November 20, 2024 10:24 AM)**

AP_spp	Negative
EH_spp	Positive
HW	Negative
Lyme	Negative