

Client: TIMOLA, AILEY JANE (114619) Gender: Female
 Patient Name: MARGA Weight:
 Species: Canine Age: 11 Months
 Breed: Shih Tzu Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (October 30, 2024 10:35 AM)					
RBC	4.28 M/ μ L	5.65 - 8.87	LOW		
HCT	21.4 %	37.3 - 61.7	LOW		
HGB	7.8 g/dL	13.1 - 20.5	LOW		
MCV	50.0 fL	61.6 - 73.5	LOW		
MCH	18.2 pg	21.2 - 25.9	LOW		
MCHC	36.4 g/dL	32.0 - 37.9			
RDW	20.6 %	13.6 - 21.7			
%RETIC	0.1 %				
RETIC	2.6 K/ μ L	10.0 - 110.0	LOW		
RETIC-HGB	20.5 pg	22.3 - 29.6	LOW		
WBC	* 0.54 K/ μ L	5.05 - 16.76	LOW		
%NEU	* 35.1 %				
%LYM	* 24.1 %				
%MONO	* 35.2 %				
%EOS	* 1.9 %				
%BASO	* 3.7 %				
NEU	* 0.19 K/ μ L	2.95 - 11.64	LOW		
BAND	* Suspected				
LYM	* 0.13 K/ μ L	1.05 - 5.10	LOW		
MONO	* 0.19 K/ μ L	0.16 - 1.12			
EOS	* 0.01 K/ μ L	0.06 - 1.23	LOW		
BASO	* 0.02 K/ μ L	0.00 - 0.10			
PLT	* 5 K/ μ L	148 - 484	LOW		
MPV	* 11.8 fL	8.7 - 13.2			
PDW	-- fL	9.1 - 19.4			
PCT	* 0.01 %	0.14 - 0.46	LOW		

PLT Aggregates Detected

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

- Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.
- Platelet aggregates are detected. Platelet count may be higher than reported.
- Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).
- Immature and/or toxic neutrophils likely present - Consider inflammation.

Catalyst One (October 30, 2024 10:43 AM)

SDMA	64 μ g/dL	0 - 14	HIGH		
CREA	2.8 mg/dL	0.5 - 1.8	HIGH		
BUN	118 mg/dL	7 - 27	HIGH		
BUN/CREA	42				
ALT	35 U/L	10 - 125			
AST	99 U/L	0 - 50	HIGH		
ALKP	510 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.