

Client: LOPEZ, JUDITH (116919)
 Patient Name: QUEEN
 Species: Canine
 Breed: Shih Tzu

Gender: Female
 Weight:
 Age: 10 Years
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (December 4, 2024 9:46 AM)					
RBC	6.14 M/ μ L	5.65 - 8.87			
HCT	34.3 %	37.3 - 61.7	LOW		
HGB	13.0 g/dL	13.1 - 20.5	LOW		
MCV	55.9 fL	61.6 - 73.5	LOW		
MCH	21.2 pg	21.2 - 25.9			
MCHC	37.9 g/dL	32.0 - 37.9			
RDW	17.0 %	13.6 - 21.7			
%RETIC	0.4 %				
RETIC	23.9 K/ μ L	10.0 - 110.0			
RETIC-HGB	17.0 pg	22.3 - 29.6	LOW		
WBC	15.69 K/ μ L	5.05 - 16.76			
%NEU	* 3.4 %				
%LYM	* 69.1 %				
%MONO	* 27.4 %				
%EOS	0.1 %				
%BASO	0.0 %				
NEU	* 0.53 K/ μ L	2.95 - 11.64	LOW		
BAND	* Suspected				
LYM	* 10.84 K/ μ L	1.05 - 5.10			HIGH
MONO	* 4.30 K/ μ L	0.16 - 1.12			HIGH
EOS	0.02 K/ μ L	0.06 - 1.23	LOW		
BASO	0.00 K/ μ L	0.00 - 0.10			
PLT	211 K/ μ L	148 - 484			
MPV	12.5 fL	8.7 - 13.2			
PDW	13.3 fL	9.1 - 19.4			
PCT	0.26 %	0.14 - 0.46			

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

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.
2. 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 (December 4, 2024 9:53 AM)

SDMA	29 μ g/dL	0 - 14	HIGH		
CREA	1.8 mg/dL	0.5 - 1.8			
BUN	30 mg/dL	7 - 27	HIGH		
BUN/CREA	16				
ALT	46 U/L	10 - 125			
AST	51 U/L	0 - 50	HIGH		
ALKP	525 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.