

Client: GAPUZ, KRISTINE (114161)      Gender: Female  
 Patient Name: MAVIS      Weight:  
 Species: Canine      Age: 3 Years  
 Breed: Other      Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (December 19, 2023 10:01 AM)</b>					
RBC	8.94 M/ $\mu$ L	5.65 - 8.87			HIGH
HCT	38.7 %	37.3 - 61.7			
HGB	11.9 g/dL	13.1 - 20.5	LOW		
MCV	43.3 fL	61.6 - 73.5	LOW		
MCH	13.3 pg	21.2 - 25.9	LOW		
MCHC	30.7 g/dL	32.0 - 37.9	LOW		
RDW	24.9 %	13.6 - 21.7			HIGH
%RETIC	0.2 %				
RETIC	18.8 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	14.5 pg	22.3 - 29.6	LOW		
WBC	* 3.34 K/ $\mu$ L	5.05 - 16.76	LOW		
%NEU	* 73.9 %				
%LYM	* 21.0 %				
%MONO	* 3.9 %				
%EOS	* 1.2 %				
%BASO	* 0.0 %				
NEU	* 2.47 K/ $\mu$ L	2.95 - 11.64	LOW		
BAND	* Suspected				
LYM	* 0.70 K/ $\mu$ L	1.05 - 5.10	LOW		
MONO	* 0.13 K/ $\mu$ L	0.16 - 1.12	LOW		
EOS	* 0.04 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	* 0.00 K/ $\mu$ L	0.00 - 0.10			
nRBC	* Suspected				
PLT	* 122 K/ $\mu$ L	148 - 484	LOW		
MPV	19.5 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.24 %	0.14 - 0.46			

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

1. Increased RDW - Anisocytosis present - review blood film.
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 19, 2023 9:50 AM)**

CREA	1.0 mg/dL	0.5 - 1.8			
BUN	16 mg/dL	7 - 27			
BUN/CREA	16				
ALT	97 U/L	10 - 125			
AST	45 U/L	0 - 50			
ALKP	14 U/L	23 - 212	LOW		