

Client: MARABILES, SHIRLEY  
 (116771)  
 Patient Name: SHYNA  
 Species: Canine  
 Breed: German Shepherd Dog

Gender: Female  
 Weight:  
 Age: 10 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (November 12, 2024 10:09 AM)</b>					
RBC	4.09 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	24.3 %	37.3 - 61.7	LOW		
HGB	8.7 g/dL	13.1 - 20.5	LOW		
MCV	59.4 fL	61.6 - 73.5	LOW		
MCH	21.3 pg	21.2 - 25.9			
MCHC	35.8 g/dL	32.0 - 37.9			
RDW	17.5 %	13.6 - 21.7			
%RETIC	0.2 %				
RETIC	9.0 K/ $\mu$ L	10.0 - 110.0	LOW		
RETIC-HGB	26.9 pg	22.3 - 29.6			
WBC	32.37 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	94.1 %				
%LYM	1.8 %				
%MONO	3.5 %				
%EOS	0.3 %				
%BASO	0.3 %				
NEU	30.48 K/ $\mu$ L	2.95 - 11.64			HIGH
LYM	0.57 K/ $\mu$ L	1.05 - 5.10	LOW		
MONO	1.12 K/ $\mu$ L	0.16 - 1.12			
EOS	0.11 K/ $\mu$ L	0.06 - 1.23			
BASO	0.09 K/ $\mu$ L	0.00 - 0.10			
PLT	* 58 K/ $\mu$ L	148 - 484	LOW		
MPV	18.3 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.11 %	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. Lymphopenia - Likely stress leukogram (glucocorticoid response).

**Catalyst One (November 12, 2024 12:10 PM)**

SDMA	15 $\mu$ g/dL	0 - 14	HIGH	
CREA	0.5 mg/dL	0.5 - 1.8		
BUN	21 mg/dL	7 - 27		
BUN/CREA	40			
ALT	54 U/L	10 - 125		
AST	64 U/L	0 - 50	HIGH	
ALKP	146 U/L	23 - 212		

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 12, 2024 4:36 PM)**

AP_spp	Positive
EH_spp	Positive
HW	Negative
Lyme	Negative

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4Dx Plus (November 12, 2024 4:36 PM)