

Client: LUI (117687)
 Patient Name: MARGO
 Species: Canine
 Breed: German Shepherd Dog

Gender: Female
 Weight:
 Age:
 Doctor:

BATINGA ANIMAL MEDICAL
 CENTER

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte One (February 21, 2025 10:24 AM)					
RBC	4.63 M/ μ L	5.65 - 8.87	LOW		
HCT	28.2 %	37.3 - 61.7	LOW		
HGB	12.0 g/dL	13.1 - 20.5	LOW		
MCV	61.0 fL	61.6 - 73.5	LOW		
MCH	25.8 pg	21.2 - 25.9			
MCHC	42.3 g/dL	32.0 - 37.9			HIGH
RDW	13.2 %	13.6 - 21.7	LOW		
%RETIC	0.8 %				
RETIC	38.2 K/ μ L	10.0 - 110.0			
WBC	* 26.47 K/ μ L	5.05 - 16.76			HIGH
%NEU	* 83.4 %				
%LYM	* 3.9 %				
%MONO	* 11.8 %				
%EOS	* 1.0 %				
%BASO	* 0.0 %				
NEU	22.07 K/ μ L	2.95 - 11.64			HIGH
LYM	* 1.03 K/ μ L	1.05 - 5.10	LOW		
MONO	3.11 K/ μ L	0.16 - 1.12			HIGH
EOS	0.25 K/ μ L	0.06 - 1.23			
BASO	0.00 K/ μ L	0.00 - 0.10			
PLT	291 K/ μ L	148 - 484			
MPV	9.3 fL	8.7 - 13.2			
PDW	16.9 fL	9.1 - 19.4			
PCT	0.27 %	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. Increased MCHC or MCH - Consider hemolysis (including sample collection/handling), lipemia, and Heinz bodies.

1. Monocytosis - Consider inflammation.

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Test	Results	Reference Interval	LOW	NORMAL	HIGH
Catalyst One (February 21, 2025 10:29 AM)					
GLU	98 mg/dL	70 - 143			
SDMA	45 µg/dL	0 - 14			HIGH
CREA	-- -- mg/dL	0.5 - 1.8			
BUN	> 130 mg/dL	7 - 27			HIGH
PHOS	11.6 mg/dL	2.5 - 6.8			HIGH
CA	10.8 mg/dL	7.9 - 12.0			
TP	7.5 g/dL	5.2 - 8.2			
ALB	3.1 g/dL	2.2 - 3.9			
GLOB	4.4 g/dL	2.5 - 4.5			
ALB/GLOB	0.7				
ALT	36 U/L	10 - 125			
ALKP	281 U/L	23 - 212			HIGH
GGT	0 U/L	0 - 11			
TBIL	1.0 mg/dL	0.0 - 0.9			HIGH
CHOL	281 mg/dL	110 - 320			
AMYL	967 U/L	500 - 1500			
LIPA	447 U/L	200 - 1800			

SDMA:

SDMA is increased, no CREA result: likely impaired GFR and kidney function. Recommended next step: evaluation of other renal function tests, and complete urinalysis. For information on recommended actions visit: www.idexx.com/sdmaalgorithm.