

Client: DELAPENA (107761)
 Patient Name: MACKO
 Species: Canine
 Breed: Mixed

Gender: Male
 Weight:
 Age: 3 Years
 Doctor: VINCENT RAFAEL SITON

BATINGA ANIMAL MEDICAL
 CENTER

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte One (August 4, 2024 12:11 PM)					
RBC	8.11 M/ μ L	5.65 - 8.87			
HCT	42.4 %	37.3 - 61.7			
HGB	16.7 g/dL	13.1 - 20.5			
MCV	52.3 fL	61.6 - 73.5	LOW		
MCH	20.6 pg	21.2 - 25.9	LOW		
MCHC	39.4 g/dL	32.0 - 37.9			HIGH
RDW	18.9 %	13.6 - 21.7			
%RETIC	0.5 %				
RETIC	41.2 K/ μ L	10.0 - 110.0			
WBC	21.20 K/ μ L	5.05 - 16.76			HIGH
%NEU	85.8 %				
%LYM	3.5 %				
%MONO	10.5 %				
%EOS	0.1 %				
%BASO	0.1 %				
NEU	18.20 K/ μ L	2.95 - 11.64			HIGH
LYM	0.74 K/ μ L	1.05 - 5.10	LOW		
MONO	2.23 K/ μ L	0.16 - 1.12			HIGH
EOS	0.02 K/ μ L	0.06 - 1.23	LOW		
BASO	0.01 K/ μ L	0.00 - 0.10			
PLT	158 K/ μ L	148 - 484			
MPV	9.6 fL	8.7 - 13.2			
PDW	16.1 fL	9.1 - 19.4			
PCT	0.15 %	0.14 - 0.46			

1. Increased MCHC or MCH - Consider hemolysis (including sample collection/handling), lipemia, and Heinz bodies.

1. Lymphopenia - Likely stress leukogram (glucocorticoid response). Confirm with blood film review.
 2. Monocytosis - Consider inflammation (if lymphopenia, consider glucocorticoid response).

Catalyst One (August 4, 2024 12:15 PM)

CREA	0.7 mg/dL	0.5 - 1.8			
BUN	8 mg/dL	7 - 27			
BUN/CREA	12				
ALT	98 U/L	10 - 125			
AST	59 U/L	0 - 50			HIGH
ALKP	245 U/L	23 - 212			HIGH