

Client: FERNANDEZ, RHOLOE
 (116624)
 Patient Name: KOBE
 Species: Canine
 Breed: Doberman Pinscher

Gender: Male
 Weight:
 Age: 3 Years
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (October 24, 2024 9:56 AM)					
RBC	5.73 M/ μ L	5.65 - 8.87			
HCT	34.7 %	37.3 - 61.7	LOW		
HGB	12.7 g/dL	13.1 - 20.5	LOW		
MCV	60.6 fL	61.6 - 73.5	LOW		
MCH	22.2 pg	21.2 - 25.9			
MCHC	36.6 g/dL	32.0 - 37.9			
RDW	15.6 %	13.6 - 21.7			
%RETIC	0.2 %				
RETIC	9.2 K/ μ L	10.0 - 110.0	LOW		
RETIC-HGB	21.6 pg	22.3 - 29.6	LOW		
WBC	14.32 K/ μ L	5.05 - 16.76			
%NEU	61.6 %				
%LYM	19.3 %				
%MONO	11.1 %				
%EOS	7.4 %				
%BASO	0.6 %				
NEU	8.82 K/ μ L	2.95 - 11.64			
LYM	2.77 K/ μ L	1.05 - 5.10			
MONO	1.59 K/ μ L	0.16 - 1.12			HIGH
EOS	1.06 K/ μ L	0.06 - 1.23			
BASO	0.08 K/ μ L	0.00 - 0.10			
PLT	320 K/ μ L	148 - 484			
MPV	10.7 fL	8.7 - 13.2			
PDW	9.1 fL	9.1 - 19.4			
PCT	0.34 %	0.14 - 0.46			

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. Monocytosis - Consider inflammation (if lymphopenia, consider glucocorticoid response).

Catalyst One (October 24, 2024 10:11 AM)

GLU	105 mg/dL	74 - 143			
SDMA	8 μ g/dL	0 - 14			
CREA	0.9 mg/dL	0.5 - 1.8			
BUN	11 mg/dL	7 - 27			
BUN/CREA	12				
TP	5.5 g/dL	5.2 - 8.2			
ALB	2.3 g/dL	2.3 - 4.0			
GLOB	3.2 g/dL	2.5 - 4.5			
ALB/GLOB	0.7				
ALT	51 U/L	10 - 125			
ALKP	116 U/L	23 - 212			

SDMA:

SDMA and CREA within reference interval: impairment of GFR is unlikely. Recommended next step: evaluate complete urinalysis.