

Client: MANGUIRAN, SHARON  
 (100556)  
 Patient Name: DAENERYS  
 Species: Canine  
 Breed: German Shepherd Dog

Gender: Female  
 Weight:  
 Age: 10 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (February 15, 2023 11:33 AM)</b>					
RBC	3.33 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	20.5 %	37.3 - 61.7	LOW		
HGB	7.1 g/dL	13.1 - 20.5	LOW		
MCV	61.6 fL	61.6 - 73.5			
MCH	21.3 pg	21.2 - 25.9			
MCHC	34.6 g/dL	32.0 - 37.9			
RDW	18.9 %	13.6 - 21.7			
%RETIC	6.4 %				
RETIC	211.8 K/ $\mu$ L	10.0 - 110.0			HIGH
RETIC-HGB	20.5 pg	22.3 - 29.6	LOW		
WBC	30.47 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	85.8 %				
%LYM	5.5 %				
%MONO	8.5 %				
%EOS	0.1 %				
%BASO	0.1 %				
NEU	26.15 K/ $\mu$ L	2.95 - 11.64			HIGH
LYM	1.68 K/ $\mu$ L	1.05 - 5.10			
MONO	2.59 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.02 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.03 K/ $\mu$ L	0.00 - 0.10			
PLT	* 13 K/ $\mu$ L	148 - 484	LOW		
MPV	12.8 fL	8.7 - 13.2			
PDW	-- fL	9.1 - 19.4			
PCT	0.02 %	0.14 - 0.46	LOW		

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

1. Anemia with reticulocytosis - Likely regenerative anemia.
2. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

1. Monocytosis - Consider inflammation.

**Catalyst One (February 15, 2023 11:39 AM)**

GLU	84 mg/dL	70 - 143			
CREA	1.2 mg/dL	0.5 - 1.8			
BUN	77 mg/dL	7 - 27			HIGH
BUN/CREA	62				
PHOS	10.8 mg/dL	2.5 - 6.8			HIGH
CA	10.1 mg/dL	7.9 - 12.0			
TP	6.1 g/dL	5.2 - 8.2			
ALB	2.8 g/dL	2.2 - 3.9			
GLOB	3.2 g/dL	2.5 - 4.5			
ALB/GLOB	0.9				
ALT	373 U/L	10 - 125			HIGH
ALKP	38 U/L	23 - 212			
GGT	0 U/L	0 - 11			
TBIL	1.1 mg/dL	0.0 - 0.9			HIGH
CHOL	185 mg/dL	110 - 320			
AMYL	829 U/L	500 - 1500			
LIPA	596 U/L	200 - 1800			

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4Dx Plus (February 15, 2023 11:50 AM)

AP_spp	Negative
EC-EE	Negative
HW	Negative
Lyme	Negative