

Client: DEVILLER, JOHN MARK  
 (111714)  
 Patient Name: ARYA  
 Species: Canine  
 Breed: Siberian Husky

Gender: Female  
 Weight:  
 Age: 4 Months  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (May 8, 2023 4:37 PM)</b>					
RBC	7.56 M/ $\mu$ L	5.65 - 8.87			
HCT	44.7 %	37.3 - 61.7			
HGB	16.4 g/dL	13.1 - 20.5			
MCV	59.1 fL	61.6 - 73.5	LOW		
MCH	21.7 pg	21.2 - 25.9			
MCHC	36.7 g/dL	32.0 - 37.9			
RDW	16.5 %	13.6 - 21.7			
%RETIC	0.3 %				
RETIC	22.7 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	20.1 pg	22.3 - 29.6	LOW		
WBC	12.72 K/ $\mu$ L	5.05 - 16.76			
%NEU	55.7 %				
%LYM	30.7 %				
%MONO	12.3 %				
%EOS	1.2 %				
%BASO	0.1 %				
NEU	7.09 K/ $\mu$ L	2.95 - 11.64			
LYM	3.90 K/ $\mu$ L	1.05 - 5.10			
MONO	1.57 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.15 K/ $\mu$ L	0.06 - 1.23			
BASO	0.01 K/ $\mu$ L	0.00 - 0.10			
PLT	260 K/ $\mu$ L	148 - 484			
MPV	13.3 fL	8.7 - 13.2			HIGH
PDW	13.6 fL	9.1 - 19.4			
PCT	0.35 %	0.14 - 0.46			

1. 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 (May 8, 2023 4:43 PM)**

CREA	2.3 mg/dL	0.3 - 1.2	HIGH	
BUN	49 mg/dL	7 - 29	HIGH	
BUN/CREA	21			
ALT	235 U/L	8 - 75	HIGH	
AST	58 U/L	0 - 50	HIGH	
ALKP	1862 U/L	46 - 337	HIGH	

**Lepto (May 8, 2023 5:45 PM)**

Lepto Positive