

Client: SALCEDO, JESSE (106824)  
 Patient Name: THALEA  
 Species: Canine  
 Breed: Siberian Husky

Gender: Female  
 Weight:  
 Age: 10 Months  
 Doctor: DANIEL JON BATINGA

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (December 10, 2020 3:53 AM)</b>					
RBC	5.14 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	29.0 %	37.3 - 61.7	LOW		
HGB	11.1 g/dL	13.1 - 20.5	LOW		
MCV	56.4 fL	61.6 - 73.5	LOW		
MCH	21.6 pg	21.2 - 25.9			
MCHC	38.3 g/dL	32.0 - 37.9			HIGH
RDW	15.7 %	13.6 - 21.7			
%RETIC	0.9 %				
RETIC	43.7 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	17.3 pg	22.3 - 29.6	LOW		
WBC	24.96 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	* 83.6 %				
%LYM	* 9.9 %				
%MONO	* 6.5 %				
%EOS	0.0 %				
%BASO	0.0 %				
NEU BAND	* 20.83 K/ $\mu$ L * Suspected	2.95 - 11.64			HIGH
LYM	* 2.48 K/ $\mu$ L	1.05 - 5.10			
MONO	* 1.63 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.01 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.01 K/ $\mu$ L	0.00 - 0.10			
PLT	35 K/ $\mu$ L	148 - 484	LOW		
MPV	13.5 fL	8.7 - 13.2			HIGH
PDW	15.7 fL	9.1 - 19.4			
PCT	0.05 %	0.14 - 0.46	LOW		

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

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)
3. Increased MCHC or MCH-consider hemolysis (including sample collection/handling), lipemia, Heinz bodies, and agglutination

1. Immature and/or toxic neutrophils likely present - consider active inflammation
2. Monocytosis - consider inflammation (if lymphopenia, consider glucocorticoid response)

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Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>Catalyst One (December 10, 2020 4:06 AM)</b>					
GLU	120 mg/dL	74 - 143			
CREA	-- mg/dL	0.5 - 1.8			
BUN	76 mg/dL	7 - 27			HIGH
PHOS	9.7 mg/dL	2.5 - 6.8			HIGH
CA	10.2 mg/dL	7.9 - 12.0			
TP	6.5 g/dL	5.2 - 8.2			
ALB	2.3 g/dL	2.3 - 4.0			
GLOB	4.2 g/dL	2.5 - 4.5			
ALB/GLOB	0.6				
ALT	194 U/L	10 - 125			HIGH
ALKP	354 U/L	23 - 212			HIGH
GGT	2 U/L	0 - 11			
TBIL	14.8 mg/dL	0.0 - 0.9			HIGH
CHOL	125 mg/dL	110 - 320			
AMYL	497 U/L	500 - 1500	LOW		
LIPA	1396 U/L	200 - 1800			