

Client: SUMICAD, CHONA (117381)      Gender: Male  
 Patient Name: AKI      Weight:  
 Species: Canine      Age: 6 Months  
 Breed: Siberian Husky      Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (January 23, 2025 10:10 AM)</b>					
RBC	3.85 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	22.7 %	37.3 - 61.7	LOW		
HGB	8.1 g/dL	13.1 - 20.5	LOW		
MCV	59.0 fL	61.6 - 73.5	LOW		
MCH	21.0 pg	21.2 - 25.9	LOW		
MCHC	35.7 g/dL	32.0 - 37.9			
RDW	16.2 %	13.6 - 21.7			
%RETIC	0.6 %				
RETIC	22.7 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	21.9 pg	22.3 - 29.6	LOW		
WBC	13.71 K/ $\mu$ L	5.05 - 16.76			
%NEU	86.7 %				
%LYM	5.3 %				
%MONO	7.4 %				
%EOS	0.2 %				
%BASO	0.4 %				
NEU	11.88 K/ $\mu$ L	2.95 - 11.64			HIGH
LYM	0.73 K/ $\mu$ L	1.05 - 5.10	LOW		
MONO	1.02 K/ $\mu$ L	0.16 - 1.12			
EOS	0.03 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.05 K/ $\mu$ L	0.00 - 0.10			
PLT	* 24 K/ $\mu$ L	148 - 484	LOW		
MPV	15.1 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.04 %	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).

1. Lymphopenia - Likely stress leukogram (glucocorticoid response).

**4Dx Plus (January 23, 2025 10:36 AM)**

AP\_spp      Positive  
 EH\_spp      Positive  
 HW      Negative  
 Lyme      Negative