

Client: FRANCO, ESTHER (114516) Gender: Female
 Patient Name: ATHENA Weight:
 Species: Canine Age: 2 Years
 Breed: Siberian Husky Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (February 9, 2024 9:06 AM)					
RBC	0.88 M/ μ L	5.65 - 8.87	LOW		
HCT	3.6 %	37.3 - 61.7	LOW		
HGB	1.0 g/dL	13.1 - 20.5	LOW		
MCV	40.9 fL	61.6 - 73.5	LOW		
MCH	11.4 pg	21.2 - 25.9	LOW		
MCHC	27.8 g/dL	32.0 - 37.9	LOW		
RDW	25.0 %	13.6 - 21.7			HIGH
%RETIC	2.0 %				
RETIC	17.8 K/ μ L	10.0 - 110.0			
RETIC-HGB	17.0 pg	22.3 - 29.6	LOW		
WBC	19.96 K/ μ L	5.05 - 16.76			HIGH
%NEU	78.5 %				
%LYM	8.6 %				
%MONO	12.4 %				
%EOS	0.0 %				
%BASO	0.5 %				
NEU	15.67 K/ μ L	2.95 - 11.64			HIGH
LYM	1.72 K/ μ L	1.05 - 5.10			
MONO	2.48 K/ μ L	0.16 - 1.12			HIGH
EOS	0.00 K/ μ L	0.06 - 1.23	LOW		
BASO	0.09 K/ μ L	0.00 - 0.10			
PLT	* 282 K/ μ L	148 - 484			
MPV	14.3 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.40 %	0.14 - 0.46			

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

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.
2. Increased RDW - Anisocytosis present - review blood film.
3. Microcytic hypochromic anemia - Likely iron-deficiency anemia.
4. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

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

4Dx Plus (February 9, 2024 9:17 AM)

AP_spp Positive
 EH_spp Negative
 HW Negative
 Lyme Negative