

Client: LABOR, FELIXBERTO
 (08092024)
 Patient Name: MOLLY
 Species: Canine
 Breed: Other

Gender: Female
 Weight:
 Age: 8 Weeks
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (August 10, 2024 1:35 PM)					
RBC	2.99 M/ μ L	5.65 - 8.87	LOW		
HCT	16.6 %	37.3 - 61.7	LOW		
HGB	5.2 g/dL	13.1 - 20.5	LOW		
MCV	55.5 fL	61.6 - 73.5	LOW		
MCH	17.4 pg	21.2 - 25.9	LOW		
MCHC	31.3 g/dL	32.0 - 37.9	LOW		
RDW	22.4 %	13.6 - 21.7	HIGH		
%RETIC	8.3 %				
RETIC	247.9 K/ μ L	10.0 - 110.0	HIGH		
RETIC-HGB	21.6 pg	22.3 - 29.6	LOW		
WBC	40.88 K/ μ L	5.05 - 16.76	HIGH		
%NEU	* 73.3 %				
%LYM	* 16.2 %				
%MONO	* 9.1 %				
%EOS	1.3 %				
%BASO	0.1 %				
NEU	* 29.96 K/ μ L	2.95 - 11.64	HIGH		
BAND	* Suspected				
LYM	* 6.62 K/ μ L	1.05 - 5.10	HIGH		
MONO	* 3.72 K/ μ L	0.16 - 1.12	HIGH		
EOS	0.54 K/ μ L	0.06 - 1.23			
BASO	0.04 K/ μ L	0.00 - 0.10			
PLT	* 358 K/ μ L	148 - 484			
MPV	15.1 fL	8.7 - 13.2	HIGH		
PDW	-- fL	9.1 - 19.4			
PCT	0.54 %	0.14 - 0.46	HIGH		

* 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. Immature and/or toxic neutrophils likely present - Consider inflammation.