

Client: BASAN, MERLE (112847)
 Patient Name: PEANUT
 Species: Canine
 Breed: Labrador Retriever

Gender: Female
 Weight:
 Age: 2 Months
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (July 1, 2023 8:25 AM)					
RBC	5.33 M/ μ L	5.65 - 8.87	LOW		
HCT	29.2 %	37.3 - 61.7	LOW		
HGB	10.2 g/dL	13.1 - 20.5	LOW		
MCV	54.8 fL	61.6 - 73.5	LOW		
MCH	19.1 pg	21.2 - 25.9	LOW		
MCHC	34.9 g/dL	32.0 - 37.9			
RDW	17.0 %	13.6 - 21.7			
%RETIC	0.2 %				
RETIC	10.1 K/ μ L	10.0 - 110.0			
RETIC-HGB	20.2 pg	22.3 - 29.6	LOW		
WBC	10.78 K/ μ L	5.05 - 16.76			
%NEU	89.6 %				
%LYM	9.5 %				
%MONO	0.8 %				
%EOS	0.0 %				
%BASO	0.1 %				
NEU	9.66 K/ μ L	2.95 - 11.64			
LYM	1.02 K/ μ L	1.05 - 5.10	LOW		
MONO	0.09 K/ μ L	0.16 - 1.12	LOW		
EOS	0.00 K/ μ L	0.06 - 1.23	LOW		
BASO	0.01 K/ μ L	0.00 - 0.10			
PLT	* 222 K/ μ L	148 - 484			
MPV	14.0 fL	8.7 - 13.2	HIGH		
PDW	-- fL	9.1 - 19.4			
PCT	0.31 %	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. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

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

Catalyst One (July 1, 2023 8:31 AM)

CREA	0.1 mg/dL	0.3 - 1.2	LOW		
BUN	10 mg/dL	7 - 29			
BUN/CREA	74				
ALT	95 U/L	8 - 75	HIGH		
AST	108 U/L	0 - 50	HIGH		
ALKP	332 U/L	46 - 337			