

Client: GAPUZ, CATHERINE (110840) Gender: Male  
 Patient Name: BUDDY Weight:  
 Species: Canine Age: 6 Years  
 Breed: Other Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (November 10, 2022 4:15 PM)</b>					
RBC	1.39 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	7.5 %	37.3 - 61.7	LOW		
HGB	2.0 g/dL	13.1 - 20.5	LOW		
MCV	54.0 fL	61.6 - 73.5	LOW		
MCH	14.4 pg	21.2 - 25.9	LOW		
MCHC	26.7 g/dL	32.0 - 37.9	LOW		
RDW	24.5 %	13.6 - 21.7	HIGH		
%RETIC	20.4 %				
RETIC	283.3 K/ $\mu$ L	10.0 - 110.0	HIGH		
RETIC-HGB	13.5 pg	22.3 - 29.6	LOW		
WBC	41.55 K/ $\mu$ L	5.05 - 16.76	HIGH		
%NEU	72.0 %				
%LYM	18.4 %				
%MONO	8.2 %				
%EOS	1.2 %				
%BASO	0.2 %				
NEU	29.93 K/ $\mu$ L	2.95 - 11.64	HIGH		
LYM	7.63 K/ $\mu$ L	1.05 - 5.10	HIGH		
MONO	3.42 K/ $\mu$ L	0.16 - 1.12	HIGH		
EOS	0.49 K/ $\mu$ L	0.06 - 1.23			
BASO	0.08 K/ $\mu$ L	0.00 - 0.10			
PLT	* 0 K/ $\mu$ L	148 - 484	LOW		
MPV	18.7 fL	8.7 - 13.2	HIGH		
PDW	-- fL	9.1 - 19.4			
PCT	0.00 %	0.14 - 0.46	LOW		

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

1. Anemia with reticulocytosis - Likely 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.

**Catalyst One (November 10, 2022 4:21 PM)**

CREA	1.0 mg/dL	0.5 - 1.8			
BUN	28 mg/dL	7 - 27	HIGH		
BUN/CREA	28				
ALT	115 U/L	10 - 125			
AST	101 U/L	0 - 50	HIGH		
ALKP	36 U/L	23 - 212			

**4Dx Plus (November 10, 2022 4:27 PM)**

AP_spp	Negative
EC-EE	Positive
HW	Negative
Lyme	Negative