

Client: GILLE, RIZZA (104140)
 Patient Name: HUNTER
 Species: Canine
 Breed: Mixed

Gender: Male
 Weight:
 Age: 2 Years
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (March 21, 2022 3:04 PM)					
RBC	4.84 M/ μ L	5.65 - 8.87	LOW		
HCT	28.1 %	37.3 - 61.7	LOW		
HGB	10.2 g/dL	13.1 - 20.5	LOW		
MCV	58.1 fL	61.6 - 73.5	LOW		
MCH	21.1 pg	21.2 - 25.9	LOW		
MCHC	36.3 g/dL	32.0 - 37.9			
RDW	16.2 %	13.6 - 21.7			
%RETIC	0.2 %				
RETIC	8.2 K/ μ L	10.0 - 110.0	LOW		
RETIC-HGB	21.9 pg	22.3 - 29.6	LOW		
WBC	6.84 K/ μ L	5.05 - 16.76			
%NEU	64.1 %				
%LYM	18.7 %				
%MONO	17.1 %				
%EOS	0.0 %				
%BASO	0.1 %				
NEU	4.38 K/ μ L	2.95 - 11.64			
LYM	1.28 K/ μ L	1.05 - 5.10			
MONO	1.17 K/ μ L	0.16 - 1.12			HIGH
EOS	0.00 K/ μ L	0.06 - 1.23	LOW		
BASO	0.01 K/ μ L	0.00 - 0.10			
PLT	* 68 K/ μ L	148 - 484	LOW		
MPV	14.5 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.10 %	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. Monocytosis - Consider inflammation (if lymphopenia, consider glucocorticoid response).

Catalyst One (March 21, 2022 3:10 PM)

CREA	0.7 mg/dL	0.5 - 1.8			
BUN	15 mg/dL	7 - 27			
BUN/CREA	21				
ALT	59 U/L	10 - 125			
AST	97 U/L	0 - 50			HIGH
ALKP	222 U/L	23 - 212			HIGH