

Client: HOYLAR, MANGIE (112519)
 Patient Name: BROWNY
 Species: Canine
 Breed: Other

Gender: Male
 Weight:
 Age: 7 Weeks
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (May 22, 2023 12:38 PM)					
RBC	4.71 M/ μ L	5.65 - 8.87	LOW		
HCT	26.4 %	37.3 - 61.7	LOW		
HGB	8.8 g/dL	13.1 - 20.5	LOW		
MCV	56.1 fL	61.6 - 73.5	LOW		
MCH	18.7 pg	21.2 - 25.9	LOW		
MCHC	33.3 g/dL	32.0 - 37.9			
RDW	17.6 %	13.6 - 21.7			
%RETIC	0.4 %				
RETIC	17.4 K/ μ L	10.0 - 110.0			
RETIC-HGB	21.1 pg	22.3 - 29.6	LOW		
WBC	15.89 K/ μ L	5.05 - 16.76			
%NEU	* 79.2 %				
%LYM	* 9.4 %				
%MONO	* 10.8 %				
%EOS	0.6 %				
%BASO	0.0 %				
NEU	* 12.57 K/ μ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 1.50 K/ μ L	1.05 - 5.10			
MONO	* 1.72 K/ μ L	0.16 - 1.12			HIGH
EOS	0.10 K/ μ L	0.06 - 1.23			
BASO	0.00 K/ μ L	0.00 - 0.10			
PLT	* 255 K/ μ L	148 - 484			
MPV	14.3 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.36 %	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. Immature and/or toxic neutrophils likely present - Consider inflammation.

Catalyst One (May 22, 2023 1:32 PM)

CREA	0.2 mg/dL	0.3 - 1.2	LOW		
BUN	7 mg/dL	7 - 29			
BUN/CREA	45				
ALT	59 U/L	8 - 75			
AST	65 U/L	0 - 50			HIGH
ALKP	311 U/L	46 - 337			