

Client: FABRE, ZOSITTE (107738)
 Patient Name: ZACH
 Species: Canine
 Breed: Mixed

Gender: Male
 Weight:
 Age: 14 Months
 Doctor: DANIEL JON BATINGA

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (August 19, 2021 12:52 PM)					
RBC	3.40 M/ μ L	5.65 - 8.87	LOW		
HCT	22.0 %	37.3 - 61.7	LOW		
HGB	7.9 g/dL	13.1 - 20.5	LOW		
MCV	64.7 fL	61.6 - 73.5			
MCH	23.2 pg	21.2 - 25.9			
MCHC	35.9 g/dL	32.0 - 37.9			
RDW	15.0 %	13.6 - 21.7			
%RETIC	1.3 %				
RETIC	42.5 K/ μ L	10.0 - 110.0			
RETIC-HGB	21.5 pg	22.3 - 29.6	LOW		
WBC	8.75 K/ μ L	5.05 - 16.76			
%NEU	* 61.9 %				
%LYM	* 17.0 %				
%MONO	* 20.6 %				
%EOS	0.2 %				
%BASO	0.3 %				
NEU	* 5.41 K/ μ L	2.95 - 11.64			
BAND	* Suspected				
LYM	* 1.49 K/ μ L	1.05 - 5.10			
MONO	* 1.80 K/ μ L	0.16 - 1.12			HIGH
EOS	0.02 K/ μ L	0.06 - 1.23	LOW		
BASO	0.03 K/ μ L	0.00 - 0.10			
PLT	* 26 K/ μ L	148 - 484	LOW		
MPV	19.8 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.05 %	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. Immature and/or toxic neutrophils likely present - Consider inflammation.

Catalyst One (August 19, 2021 1:37 PM)

CREA	0.4 mg/dL	0.5 - 1.8	LOW		
BUN	12 mg/dL	7 - 27			
BUN/CREA	31				
ALT	256 U/L	10 - 125			HIGH
AST	211 U/L	0 - 50			HIGH
ALKP	329 U/L	23 - 212			HIGH

4Dx Plus (August 19, 2021 1:39 PM)

AP_spp Negative
 EC-EE Negative
 HW Negative
 Lyme Negative