

Client: GALES, TESSIE (113979)
 Patient Name: MARTINI
 Species: Canine
 Breed: Other

Gender: Male
 Weight:
 Age: 3 Years
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (November 24, 2023 1:35 PM)					
RBC	4.59 M/ μ L	5.65 - 8.87	LOW		
HCT	27.0 %	37.3 - 61.7	LOW		
HGB	10.0 g/dL	13.1 - 20.5	LOW		
MCV	58.8 fL	61.6 - 73.5	LOW		
MCH	21.8 pg	21.2 - 25.9			
MCHC	37.0 g/dL	32.0 - 37.9			
RDW	15.0 %	13.6 - 21.7			
%RETIC	0.1 %				
RETIC	4.6 K/ μ L	10.0 - 110.0	LOW		
RETIC-HGB	15.6 pg	22.3 - 29.6	LOW		
WBC	* 9.09 K/ μ L	5.05 - 16.76			
%NEU	* 69.6 %				
%LYM	* 10.6 %				
%MONO	* 19.1 %				
%EOS	* 0.4 %				
%BASO	* 0.3 %				
NEU	* 6.32 K/ μ L	2.95 - 11.64			
LYM	* 0.96 K/ μ L	1.05 - 5.10	LOW		
MONO	* 1.74 K/ μ L	0.16 - 1.12			HIGH
EOS	* 0.04 K/ μ L	0.06 - 1.23	LOW		
BASO	* 0.03 K/ μ L	0.00 - 0.10			
PLT	* 4 K/ μ L	148 - 484	LOW		
MPV	* 20.9 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	* 0.01 %	0.14 - 0.46	LOW		

PLT Aggregates Detected

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

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.
2. Platelet aggregates are detected. Platelet count may be higher than reported.
3. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

Catalyst One (November 24, 2023 2:00 PM)

GLU	79 mg/dL	74 - 143			
CREA	0.6 mg/dL	0.5 - 1.8			
BUN	14 mg/dL	7 - 27			
BUN/CREA	23				
PHOS	3.9 mg/dL	2.5 - 6.8			
CA	7.5 mg/dL	7.9 - 12.0	LOW		
TP	6.0 g/dL	5.2 - 8.2			
ALB	2.0 g/dL	2.3 - 4.0	LOW		
GLOB	3.9 g/dL	2.5 - 4.5			
ALB/GLOB	0.5				
ALT	777 U/L	10 - 125			HIGH
ALKP	539 U/L	23 - 212			HIGH
GGT	0 U/L	0 - 11			
TBIL	0.5 mg/dL	0.0 - 0.9			
CHOL	157 mg/dL	110 - 320			
AMYL	312 U/L	500 - 1500	LOW		
LIPA	206 U/L	200 - 1800			
Na	150 mmol/L	144 - 160			

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Catalyst One (November 24, 2023 2:00 PM)					
K	4.3 mmol/L	3.5 - 5.8			
Na/K	35				
Cl	110 mmol/L	109 - 122			
Osm Calc	295 mmol/kg				

4Dx Plus (November 24, 2023 1:50 PM)

AP_spp Negative
 EC-EE Positive
 HW Negative
 Lyme Negative