

Client: ALBARECE, ATTY.RHONA
 (108638)
 Patient Name: DORIE
 Species: Canine
 Breed: Pug

Gender: Female
 Weight:
 Age: 3 Years
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (February 27, 2025 8:50 AM)					
RBC	6.10 M/ μ L	5.65 - 8.87			
HCT	36.7 %	37.3 - 61.7	LOW		
HGB	13.7 g/dL	13.1 - 20.5			
MCV	60.2 fL	61.6 - 73.5	LOW		
MCH	22.5 pg	21.2 - 25.9			
MCHC	37.3 g/dL	32.0 - 37.9			
RDW	15.8 %	13.6 - 21.7			
%RETIC	0.3 %				
RETIC	15.9 K/ μ L	10.0 - 110.0			
RETIC-HGB	20.8 pg	22.3 - 29.6	LOW		
WBC	17.35 K/ μ L	5.05 - 16.76			HIGH
%NEU	81.0 %				
%LYM	8.2 %				
%MONO	10.2 %				
%EOS	0.5 %				
%BASO	0.1 %				
NEU	14.06 K/ μ L	2.95 - 11.64			HIGH
LYM	1.42 K/ μ L	1.05 - 5.10			
MONO	1.77 K/ μ L	0.16 - 1.12			HIGH
EOS	0.08 K/ μ L	0.06 - 1.23			
BASO	0.02 K/ μ L	0.00 - 0.10			
PLT	349 K/ μ L	148 - 484			
MPV	10.7 fL	8.7 - 13.2			
PDW	9.2 fL	9.1 - 19.4			
PCT	0.37 %	0.14 - 0.46			

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).

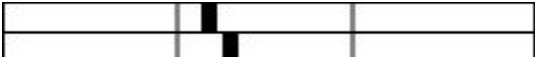

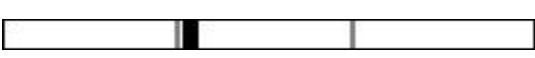
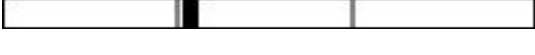

Catalyst One (February 27, 2025 9:00 AM)

3/30/23
 10:53 AM

GLU	88 mg/dL	74 - 143			
SDMA	4 μ g/dL	0 - 14			
CREA	0.6 mg/dL	0.5 - 1.8			0.5 mg/dL
BUN	7 mg/dL	7 - 27			9 mg/dL
BUN/CREA	12				16
PHOS	5.5 mg/dL	2.5 - 6.8			
CA	9.3 mg/dL	7.9 - 12.0			
TP	8.0 g/dL	5.2 - 8.2			
ALB	3.0 g/dL	2.3 - 4.0			
GLOB	5.0 g/dL	2.5 - 4.5			HIGH
ALB/GLOB	0.6				
ALT	34 U/L	10 - 125			52 U/L
AST	58 U/L	0 - 50			HIGH 58 U/L
ALKP	286 U/L	23 - 212			HIGH 194 U/L
GGT	0 U/L	0 - 11			
TBIL	0.1 mg/dL	0.0 - 0.9			
CHOL	237 mg/dL	110 - 320			
AMYL	502 U/L	500 - 1500			
LIPA	377 U/L	200 - 1800			

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Catalyst One (February 27, 2025 9:00 AM)					3/30/23 10:53 AM
Na	147 mmol/L	144 - 160			
K	4.2 mmol/L	3.5 - 5.8			
Na/K	35				
Cl	110 mmol/L	109 - 122			
Osm Calc	289 mmol/kg				

SDMA:

SDMA and CREA within reference interval: impairment of GFR is unlikely. Recommended next step: evaluate complete urinalysis.

4Dx Plus (February 27, 2025 9:17 AM)		3/30/23 11:18 AM
AP_spp	Negative	Negative
EH_spp	Negative	Negative
HW	Negative	Negative
Lyme	Negative	Negative