

Client: PIMENTEL, JAHLEEL (109034) Gender: Female
 Patient Name: LUNA Weight:
 Species: Canine Age: 12 Years
 Breed: Other Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (December 18, 2024 11:42 AM)					
					3/7/24 2:43 PM
RBC	4.90 M/ μ L	5.65 - 8.87	LOW		5.76 M/ μ L
HCT	28.8 %	37.3 - 61.7	LOW		34.8 %
HGB	9.8 g/dL	13.1 - 20.5	LOW		11.9 g/dL
MCV	58.8 fL	61.6 - 73.5	LOW		60.4 fL
MCH	20.0 pg	21.2 - 25.9	LOW		20.7 pg
MCHC	34.0 g/dL	32.0 - 37.9			34.2 g/dL
RDW	16.0 %	13.6 - 21.7			16.5 %
%RETIC	1.0 %				1.3 %
RETIC	51.0 K/ μ L	10.0 - 110.0			72.0 K/ μ L
RETIC-HGB	21.3 pg	22.3 - 29.6	LOW		24.8 pg
WBC	8.18 K/ μ L	5.05 - 16.76			6.83 K/ μ L
%NEU	84.5 %				56.7 %
%LYM	7.7 %				23.1 %
%MONO	5.7 %				8.3 %
%EOS	2.1 %				11.6 %
%BASO	0.0 %				0.3 %
NEU	6.91 K/ μ L	2.95 - 11.64			3.87 K/ μ L
LYM	0.63 K/ μ L	1.05 - 5.10	LOW		1.58 K/ μ L
MONO	0.47 K/ μ L	0.16 - 1.12			0.57 K/ μ L
EOS	0.17 K/ μ L	0.06 - 1.23			0.79 K/ μ L
BASO	0.00 K/ μ L	0.00 - 0.10			0.02 K/ μ L
PLT	167 K/ μ L	148 - 484			269 K/ μ L
MPV	13.6 fL	8.7 - 13.2			12.8 fL
PDW	14.3 fL	9.1 - 19.4			13.2 fL
PCT	0.23 %	0.14 - 0.46			0.34 %

- Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.
- Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

- Lymphopenia - Likely stress leukogram (glucocorticoid response).

Catalyst One (December 18, 2024 11:52 AM)

SDMA	5 μ g/dL	0 - 14			
CREA	0.7 mg/dL	0.5 - 1.8			
BUN	12 mg/dL	7 - 27			
BUN/CREA	17				
ALT	54 U/L	10 - 125			
AST	65 U/L	0 - 50			HIGH
ALKP	123 U/L	23 - 212			

SDMA:

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