

Client: ALVAREZ, JOY (112924)
 Patient Name: PENPEN
 Species: Canine
 Breed: Other

Gender: Male
 Weight:
 Age: 2 Years
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (December 4, 2024 4:33 PM)					
RBC	9.02 M/ μ L	5.65 - 8.87			HIGH
HCT	* 61.3 %	37.3 - 61.7			
HGB	20.1 g/dL	13.1 - 20.5			
MCV	68.0 fL	61.6 - 73.5			
MCH	22.3 pg	21.2 - 25.9			
MCHC	32.8 g/dL	32.0 - 37.9			
RDW	20.9 %	13.6 - 21.7			
%RETIC	0.1 %				
RETIC	6.3 K/ μ L	10.0 - 110.0	LOW		
RETIC-HGB	20.7 pg	22.3 - 29.6	LOW		
WBC	6.44 K/ μ L	5.05 - 16.76			
%NEU	70.5 %				
%LYM	15.1 %				
%MONO	5.7 %				
%EOS	8.1 %				
%BASO	0.6 %				
NEU	4.54 K/ μ L	2.95 - 11.64			
LYM	0.97 K/ μ L	1.05 - 5.10	LOW		
MONO	0.37 K/ μ L	0.16 - 1.12			
EOS	0.52 K/ μ L	0.06 - 1.23			
BASO	0.04 K/ μ L	0.00 - 0.10			
PLT	243 K/ μ L	148 - 484			
MPV	13.3 fL	8.7 - 13.2			HIGH
PDW	14.0 fL	9.1 - 19.4			
PCT	0.32 %	0.14 - 0.46			

1. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

1. Lymphopenia - Likely stress leukogram (glucocorticoid response).

Catalyst One (December 4, 2024 4:52 PM)

SDMA	8 μ g/dL	0 - 14			
CREA	0.9 mg/dL	0.5 - 1.8			
BUN	15 mg/dL	7 - 27			
BUN/CREA	16				
ALT	40 U/L	10 - 125			
AST	38 U/L	0 - 50			
ALKP	46 U/L	23 - 212			

SDMA:

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