

Client: ANDAYA, GEMMA (109455) Gender: Female
 Patient Name: ARYA Weight:
 Species: Canine Age: 7 Months
 Breed: Other Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (May 4, 2022 4:23 PM)					
RBC	4.98 M/ μ L	5.65 - 8.87	LOW		
HCT	29.5 %	37.3 - 61.7	LOW		
HGB	9.8 g/dL	13.1 - 20.5	LOW		
MCV	59.2 fL	61.6 - 73.5	LOW		
MCH	19.7 pg	21.2 - 25.9	LOW		
MCHC	33.2 g/dL	32.0 - 37.9			
RDW	22.4 %	13.6 - 21.7			HIGH
%RETIC	5.8 %				
RETIC	288.3 K/ μ L	10.0 - 110.0			HIGH
RETIC-HGB	19.4 pg	22.3 - 29.6	LOW		
WBC	23.50 K/ μ L	5.05 - 16.76			HIGH
%NEU	71.2 %				
%LYM	12.7 %				
%MONO	4.9 %				
%EOS	11.2 %				
%BASO	0.0 %				
NEU	16.72 K/ μ L	2.95 - 11.64			HIGH
LYM	2.99 K/ μ L	1.05 - 5.10			
MONO	1.15 K/ μ L	0.16 - 1.12			HIGH
EOS	2.63 K/ μ L	0.06 - 1.23			HIGH
BASO	0.01 K/ μ L	0.00 - 0.10			
PLT	* 93 K/ μ L	148 - 484	LOW		
MPV	15.8 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.15 %	0.14 - 0.46			

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

1. Anemia with reticulocytosis - Likely 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 (May 4, 2022 4:45 PM)

GLU	99 mg/dL	74 - 143			
CREA	1.0 mg/dL	0.5 - 1.8			
BUN	14 mg/dL	7 - 27			
BUN/CREA	15				
TP	5.7 g/dL	5.2 - 8.2			
ALB	2.4 g/dL	2.3 - 4.0			
GLOB	3.3 g/dL	2.5 - 4.5			
ALB/GLOB	0.7				
ALT	58 U/L	10 - 125			
ALKP	43 U/L	23 - 212			

4Dx Plus (May 4, 2022 4:58 PM)

AP_spp	Positive
EC-EE	Negative
HW	Negative
Lyme	Negative