

Client: BALOG, ALONA (114780)  
 Patient Name: PRINCESS  
 Species: Canine  
 Breed: Other

Gender: Female  
 Weight:  
 Age: 2 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (June 21, 2024 10:18 AM)</b>					
RBC	5.43 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	33.0 %	37.3 - 61.7	LOW		
HGB	11.4 g/dL	13.1 - 20.5	LOW		
MCV	60.8 fL	61.6 - 73.5	LOW		
MCH	21.0 pg	21.2 - 25.9	LOW		
MCHC	34.5 g/dL	32.0 - 37.9			
RDW	19.2 %	13.6 - 21.7			
%RETIC	3.2 %				
RETIC	175.9 K/ $\mu$ L	10.0 - 110.0			HIGH
RETIC-HGB	21.3 pg	22.3 - 29.6	LOW		
WBC	* 30.17 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	* 76.0 %				
%LYM	* 17.4 %				
%MONO	* 4.8 %				
%EOS	* 1.6 %				
%BASO	* 0.2 %				
NEU	* 22.93 K/ $\mu$ L	2.95 - 11.64			HIGH
LYM	* 5.24 K/ $\mu$ L	1.05 - 5.10			HIGH
MONO	* 1.46 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	* 0.47 K/ $\mu$ L	0.06 - 1.23			
BASO	* 0.07 K/ $\mu$ L	0.00 - 0.10			
PLT	* 8 K/ $\mu$ L	148 - 484	LOW		
MPV	* 14.4 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 with reticulocytosis - Likely 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 (June 21, 2024 2:48 PM)**

CREA	1.6 mg/dL	0.5 - 1.8			
BUN	25 mg/dL	7 - 27			
BUN/CREA	16				
ALT	50 U/L	10 - 125			
AST	49 U/L	0 - 50			
ALKP	86 U/L	23 - 212			

**4Dx Plus (June 21, 2024 2:47 PM)**

AP_spp	Positive
EH_spp	Negative
HW	Positive
Lyme	Negative