

Client: YASAY, OLIVE (110910)  
 Patient Name: NANO  
 Species: Canine  
 Breed: Mixed

Gender: Male  
 Weight:  
 Age: 7 Months  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (November 19, 2022 10:27 AM)</b>					
RBC	2.65 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	16.1 %	37.3 - 61.7	LOW		
HGB	4.9 g/dL	13.1 - 20.5	LOW		
MCV	60.8 fL	61.6 - 73.5	LOW		
MCH	18.5 pg	21.2 - 25.9	LOW		
MCHC	30.4 g/dL	32.0 - 37.9	LOW		
RDW	24.8 %	13.6 - 21.7			HIGH
%RETIC	16.8 %				
RETIC	446.0 K/ $\mu$ L	10.0 - 110.0			HIGH
RETIC-HGB	19.0 pg	22.3 - 29.6	LOW		
WBC	71.42 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	69.7 %				
%LYM	22.0 %				
%MONO	6.2 %				
%EOS	2.0 %				
%BASO	0.1 %				
NEU	49.81 K/ $\mu$ L	2.95 - 11.64			HIGH
LYM	15.69 K/ $\mu$ L	1.05 - 5.10			HIGH
MONO	4.46 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	1.40 K/ $\mu$ L	0.06 - 1.23			HIGH
BASO	0.06 K/ $\mu$ L	0.00 - 0.10			
PLT	* 426 K/ $\mu$ L	148 - 484			
MPV	15.4 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.66 %	0.14 - 0.46			HIGH

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

1. Anemia with reticulocytosis - Likely regenerative anemia.
2. Increased RDW - Anisocytosis present - review blood film.
3. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

1. Monocytosis - Consider inflammation.

**Catalyst One (January 5, 2023 10:27 AM)**

12/10/22  
10:41 AM

CREA	0.8 mg/dL	0.3 - 1.2			
BUN	23 mg/dL	7 - 29			
BUN/CREA	30				
ALT	48 U/L	8 - 75			
AST	71 U/L	0 - 50			HIGH
ALKP	116 U/L	46 - 337			

35 U/L

**Catalyst One (November 19, 2022 10:33 AM)**

GLU	121 mg/dL	77 - 150			
CREA	0.6 mg/dL	0.3 - 1.2			
BUN	15 mg/dL	7 - 29			
BUN/CREA	25				
TP	3.7 g/dL	4.8 - 7.2	LOW		
ALB	1.4 g/dL	2.1 - 3.6	LOW		
GLOB	2.3 g/dL	2.3 - 3.8			
ALB/GLOB	0.6				
ALT	22 U/L	8 - 75			
ALKP	69 U/L	46 - 337			

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Catalyst One (November 19, 2022 10:33 AM)