

Client: ARIAS, BENJIE (112630)  
 Patient Name: MURPHY  
 Species: Canine  
 Breed: Miniature Pinscher

Gender: Male  
 Weight:  
 Age: 18 Months  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (September 30, 2024 10:27 AM)</b>					
RBC	6.46 M/ $\mu$ L	5.65 - 8.87			
HCT	39.5 %	37.3 - 61.7			
HGB	13.6 g/dL	13.1 - 20.5			
MCV	61.1 fL	61.6 - 73.5	LOW		
MCH	21.1 pg	21.2 - 25.9	LOW		
MCHC	34.4 g/dL	32.0 - 37.9			
RDW	17.4 %	13.6 - 21.7			
%RETIC	1.8 %				
RETIC	117.6 K/ $\mu$ L	10.0 - 110.0			HIGH
RETIC-HGB	23.4 pg	22.3 - 29.6			
WBC	25.23 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	* 77.9 %				
%LYM	* 13.8 %				
%MONO	* 7.7 %				
%EOS	0.5 %				
%BASO	0.1 %				
NEU	* 19.66 K/ $\mu$ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 3.48 K/ $\mu$ L	1.05 - 5.10			
MONO	* 1.95 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.12 K/ $\mu$ L	0.06 - 1.23			
BASO	0.02 K/ $\mu$ L	0.00 - 0.10			
PLT	298 K/ $\mu$ L	148 - 484			
MPV	11.9 fL	8.7 - 13.2			
PDW	11.3 fL	9.1 - 19.4			
PCT	0.35 %	0.14 - 0.46			

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

1. Immature and/or toxic neutrophils likely present - Consider inflammation.

**Catalyst One (September 30, 2024 10:44 AM)**

SDMA	12 $\mu$ g/dL	0 - 14			
CREA	0.8 mg/dL	0.5 - 1.8			
BUN	20 mg/dL	7 - 27			
BUN/CREA	27				
ALT	116 U/L	10 - 125			
AST	88 U/L	0 - 50			HIGH
ALKP	183 U/L	23 - 212			

SDMA:

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