

Client: TALLE, ZOSIMO (081923)  
 Patient Name: K-1  
 Species: Canine  
 Breed: Mixed

Gender: Male  
 Weight:  
 Age: 8 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (August 19, 2023 11:23 AM)</b>					
RBC	2.52 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	18.1 %	37.3 - 61.7	LOW		
HGB	5.2 g/dL	13.1 - 20.5	LOW		
MCV	71.8 fL	61.6 - 73.5			
MCH	20.6 pg	21.2 - 25.9	LOW		
MCHC	28.7 g/dL	32.0 - 37.9	LOW		
RDW	27.8 %	13.6 - 21.7			HIGH
%RETIC	9.4 %				
RETIC	237.1 K/ $\mu$ L	10.0 - 110.0			HIGH
RETIC-HGB	26.7 pg	22.3 - 29.6			
WBC	28.93 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	* 64.0 %				
%LYM	* 30.6 %				
%MONO	* 4.8 %				
%EOS	0.6 %				
%BASO	0.0 %				
NEU	* 18.52 K/ $\mu$ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 8.84 K/ $\mu$ L	1.05 - 5.10			HIGH
MONO	* 1.39 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.17 K/ $\mu$ L	0.06 - 1.23			
BASO	0.01 K/ $\mu$ L	0.00 - 0.10			
PLT	* 59 K/ $\mu$ L	148 - 484	LOW		
MPV	15.5 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.09 %	0.14 - 0.46	LOW		

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

1. Anemia with reticulocytosis - Likely regenerative anemia.
2. Increased RDW - Anisocytosis present - review blood film.

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

**Catalyst One (August 19, 2023 11:29 AM)**

CREA	2.2 mg/dL	0.5 - 1.8			HIGH
BUN	62 mg/dL	7 - 27			HIGH
BUN/CREA	28				
ALT	-- U/L	10 - 125			
AST	915 U/L	0 - 50			HIGH
ALKP	157 U/L	23 - 212			

AST: Test results for the latest analyzer run have been multiplied by the dilution factor for a dilution of 1 in 2 total.