

Client: SAN BLAS (113760)
 Patient Name: ROYAL
 Species: Feline
 Breed: Other

Gender: Male
 Weight:
 Age: 4 Months
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (October 24, 2023 12:29 PM)					
RBC	9.21 M/ μ L	6.54 - 12.20			
HCT	32.7 %	30.3 - 52.3			
HGB	12.2 g/dL	9.8 - 16.2			
MCV	35.5 fL	35.9 - 53.1	LOW		
MCH	13.2 pg	11.8 - 17.3			
MCHC	37.3 g/dL	28.1 - 35.8			HIGH
RDW	28.1 %	15.0 - 27.0			HIGH
%RETIC	1.0 %				
RETIC	93.9 K/ μ L	3.0 - 50.0			HIGH
RETIC-HGB	11.2 pg	13.2 - 20.8	LOW		
WBC	64.56 K/ μ L	2.87 - 17.02			HIGH
%NEU	* 46.3 %				
%LYM	* 43.2 %				
%MONO	* 10.2 %				
%EOS	0.2 %				
%BASO	0.1 %				
NEU	* 29.94 K/ μ L	2.30 - 10.29			HIGH
BAND	* Suspected				
LYM	* 27.86 K/ μ L	0.92 - 6.88			HIGH
MONO	* 6.56 K/ μ L	0.05 - 0.67			HIGH
EOS	0.12 K/ μ L	0.17 - 1.57	LOW		
BASO	0.08 K/ μ L	0.01 - 0.26			
PLT	82 K/ μ L	151 - 600	LOW		
MPV	18.6 fL	11.4 - 21.6			
PCT	0.15 %	0.17 - 0.86	LOW		

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

1. Increased RDW - Anisocytosis present - review blood film.
2. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).
3. Reticulocytosis without anemia - Consider occult hemolytic or blood loss disease.
4. Increased MCHC or MCH - Consider hemolysis (including sample collection/handling), lipemia, and Heinz bodies.

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