

Client: JAZMIN, OPHELIA (111380) Gender: Female
 Patient Name: ROXY Weight:
 Species: Canine Age: 10 Years
 Breed: Yorkshire Terrier Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (February 14, 2023 11:14 AM)					
RBC	5.86 M/ μ L	5.65 - 8.87			
HCT	39.0 %	37.3 - 61.7			
HGB	12.5 g/dL	13.1 - 20.5	LOW		
MCV	66.6 fL	61.6 - 73.5			
MCH	21.3 pg	21.2 - 25.9			
MCHC	32.1 g/dL	32.0 - 37.9			
RDW	18.8 %	13.6 - 21.7			
%RETIC	2.4 %				
RETIC	140.1 K/ μ L	10.0 - 110.0			HIGH
RETIC-HGB	21.2 pg	22.3 - 29.6	LOW		
WBC	24.55 K/ μ L	5.05 - 16.76			HIGH
%NEU	* 49.3 %				
%LYM	* 37.1 %				
%MONO	* 13.1 %				
%EOS	0.5 %				
%BASO	0.0 %				
NEU	* 12.11 K/ μ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 9.10 K/ μ L	1.05 - 5.10			HIGH
MONO	* 3.22 K/ μ L	0.16 - 1.12			HIGH
EOS	0.12 K/ μ L	0.06 - 1.23			
BASO	0.00 K/ μ L	0.00 - 0.10			
PLT	* 87 K/ μ L	148 - 484	LOW		
MPV	18.7 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.16 %	0.14 - 0.46			

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

1. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).
2. Reticulocytosis without anemia - Consider occult hemolytic or blood loss disease.

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

Catalyst One (February 14, 2023 11:20 AM)

GLU	91 mg/dL	70 - 143			
CREA	0.5 mg/dL	0.5 - 1.8			
BUN	17 mg/dL	7 - 27			
BUN/CREA	36				
TP	7.8 g/dL	5.2 - 8.2			
ALB	2.7 g/dL	2.2 - 3.9			
GLOB	5.1 g/dL	2.5 - 4.5			HIGH
ALB/GLOB	0.5				
ALT	44 U/L	10 - 125			
ALKP	113 U/L	23 - 212			