

Client: AGUILAR, IDA (100215)
 Patient Name: WANGYU
 Species: Canine
 Breed: Mixed

Gender: Male/Castrated
 Weight:
 Age: 10 Years
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (May 25, 2022 10:09 AM)					
RBC	6.69 M/ μ L	5.65 - 8.87			
HCT	36.8 %	37.3 - 61.7	LOW		
HGB	12.3 g/dL	13.1 - 20.5	LOW		
MCV	55.0 fL	61.6 - 73.5	LOW		
MCH	18.4 pg	21.2 - 25.9	LOW		
MCHC	33.4 g/dL	32.0 - 37.9			
RDW	25.6 %	13.6 - 21.7			HIGH
%RETIC	0.3 %				
RETIC	22.7 K/ μ L	10.0 - 110.0			
RETIC-HGB	17.4 pg	22.3 - 29.6	LOW		
WBC	6.34 K/ μ L	5.05 - 16.76			
%NEU	66.9 %				
%LYM	20.2 %				
%MONO	10.1 %				
%EOS	1.9 %				
%BASO	0.9 %				
NEU	4.24 K/ μ L	2.95 - 11.64			
LYM	1.28 K/ μ L	1.05 - 5.10			
MONO	0.64 K/ μ L	0.16 - 1.12			
EOS	0.12 K/ μ L	0.06 - 1.23			
BASO	0.06 K/ μ L	0.00 - 0.10			
PLT	* 28 K/ μ L	148 - 484	LOW		
MPV	14.6 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.04 %	0.14 - 0.46	LOW		

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

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-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).

Catalyst One (May 25, 2022 10:38 AM)

CREA	1.4 mg/dL	0.5 - 1.8			
BUN	22 mg/dL	7 - 27			
BUN/CREA	16				
ALT	< 10 U/L	10 - 125			
AST	56 U/L	0 - 50			HIGH
ALKP	71 U/L	23 - 212			

4Dx Plus (May 25, 2022 10:40 AM)

AP_spp	Positive
EC-EE	Positive
HW	Negative
Lyme	Negative