

Client: IWAY, IRISH (102683)
 Patient Name: KOFI
 Species: Canine
 Breed: Shih Tzu

Gender: Male
 Weight:
 Age: 6 Years
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (March 2, 2024 8:50 AM)					
RBC	1.58 M/ μ L	5.65 - 8.87	LOW		
HCT	8.1 %	37.3 - 61.7	LOW		
HGB	2.3 g/dL	13.1 - 20.5	LOW		
MCV	51.3 fL	61.6 - 73.5	LOW		
MCH	14.6 pg	21.2 - 25.9	LOW		
MCHC	28.4 g/dL	32.0 - 37.9	LOW		
RDW	23.0 %	13.6 - 21.7			HIGH
%RETIC	16.0 %				
RETIC	252.2 K/ μ L	10.0 - 110.0			HIGH
RETIC-HGB	12.7 pg	22.3 - 29.6	LOW		
WBC	31.27 K/ μ L	5.05 - 16.76			HIGH
%NEU	86.7 %				
%LYM	9.6 %				
%MONO	3.4 %				
%EOS	0.1 %				
%BASO	0.2 %				
NEU	27.11 K/ μ L	2.95 - 11.64			HIGH
LYM	3.01 K/ μ L	1.05 - 5.10			
MONO	1.05 K/ μ L	0.16 - 1.12			
EOS	0.04 K/ μ L	0.06 - 1.23	LOW		
BASO	0.06 K/ μ L	0.00 - 0.10			
PLT	* 1 K/ μ L	148 - 484	LOW		
MPV	17.1 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.00 %	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.
3. Microcytic hypochromic anemia - Likely iron-deficiency anemia.
4. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

Catalyst One (March 2, 2024 8:58 AM)

CREA	0.6 mg/dL	0.5 - 1.8			
BUN	13 mg/dL	7 - 27			
BUN/CREA	20				
ALT	39 U/L	10 - 125			
AST	35 U/L	0 - 50			
ALKP	12 U/L	23 - 212	LOW		

4Dx Plus (March 2, 2024 9:10 AM)

AP_spp	Positive
EH_spp	Positive
HW	Negative
Lyme	Negative