

Client: TUQUIB, FR. WILLIE (102115)    Gender: Male  
 Patient Name: KM    Weight:  
 Species: Canine    Age: 6 Years  
 Breed: Shih Tzu    Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH	
ProCyte Dx (May 10, 2024 12:48 PM)						3/25/24 1:47 PM
RBC	7.54 M/ $\mu$ L	5.65 - 8.87				7.99 M/ $\mu$ L
HCT	34.7 %	37.3 - 61.7	LOW			37.5 %
HGB	12.2 g/dL	13.1 - 20.5	LOW			13.0 g/dL
MCV	46.0 fL	61.6 - 73.5	LOW			46.9 fL
MCH	16.2 pg	21.2 - 25.9	LOW			16.3 pg
MCHC	35.2 g/dL	32.0 - 37.9				34.7 g/dL
RDW	22.2 %	13.6 - 21.7			HIGH	23.0 %
%RETIC	0.4 %					0.2 %
RETIC	30.9 K/ $\mu$ L	10.0 - 110.0				12.0 K/ $\mu$ L
RETIC-HGB	18.5 pg	22.3 - 29.6	LOW			21.1 pg
WBC	17.81 K/ $\mu$ L	5.05 - 16.76			HIGH	13.33 K/ $\mu$ L
%NEU	76.1 %					51.2 %
%LYM	13.9 %					33.9 %
%MONO	9.1 %					9.3 %
%EOS	0.3 %					5.4 %
%BASO	0.6 %					0.2 %
NEU	13.56 K/ $\mu$ L	2.95 - 11.64			HIGH	6.83 K/ $\mu$ L
LYM	2.47 K/ $\mu$ L	1.05 - 5.10				4.52 K/ $\mu$ L
MONO	1.62 K/ $\mu$ L	0.16 - 1.12			HIGH	1.24 K/ $\mu$ L
EOS	0.06 K/ $\mu$ L	0.06 - 1.23				0.72 K/ $\mu$ L
BASO	0.10 K/ $\mu$ L	0.00 - 0.10				0.02 K/ $\mu$ L
PLT	209 K/ $\mu$ L	148 - 484				* 164 K/ $\mu$ L
MPV	11.1 fL	8.7 - 13.2				11.4 fL
PDW	11.2 fL	9.1 - 19.4				-- fL
PCT	0.23 %	0.14 - 0.46				0.19 %

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

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.  
 2. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

1. Monocytosis - Consider inflammation (if lymphopenia, consider glucocorticoid response).

Catalyst One (May 10, 2024 12:55 PM)

9/11/23  
10:30 AM

CREA	0.4 mg/dL	0.5 - 1.8	LOW			
BUN	3 mg/dL	7 - 27	LOW			4 mg/dL
BUN/CREA	9					
ALT	54 U/L	10 - 125				
AST	70 U/L	0 - 50			HIGH	
ALKP	103 U/L	23 - 212				