

Client: NISPEROS, PRINCESS  
 (107894)  
 Patient Name: CHEWIE  
 Species: Canine  
 Breed: Shih Tzu

Gender: Male  
 Weight:  
 Age: 10 Months  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (January 18, 2022 2:12 PM)					
					1/11/22 2:38 PM
RBC	5.12 M/ $\mu$ L	5.65 - 8.87	LOW		3.83 M/ $\mu$ L
HCT	31.2 %	37.3 - 61.7	LOW		22.6 %
HGB	10.7 g/dL	13.1 - 20.5	LOW		8.2 g/dL
MCV	60.9 fL	61.6 - 73.5	LOW		59.0 fL
MCH	20.9 pg	21.2 - 25.9	LOW		21.4 pg
MCHC	34.3 g/dL	32.0 - 37.9			36.3 g/dL
RDW	16.5 %	13.6 - 21.7			14.9 %
%RETIC	2.9 %				0.2 %
RETIC	149.0 K/ $\mu$ L	10.0 - 110.0	HIGH		7.3 K/ $\mu$ L
RETIC-HGB	21.1 pg	22.3 - 29.6	LOW		20.8 pg
WBC	17.45 K/ $\mu$ L	5.05 - 16.76	HIGH		9.92 K/ $\mu$ L
%NEU	* 48.6 %				* 46.0 %
%LYM	* 37.9 %				* 26.4 %
%MONO	* 9.5 %				* 26.8 %
%EOS	3.6 %				0.8 %
%BASO	0.4 %				0.0 %
NEU	* 8.48 K/ $\mu$ L	2.95 - 11.64			* 4.56 K/ $\mu$ L
BAND	* Suspected				* Suspected
LYM	* 6.62 K/ $\mu$ L	1.05 - 5.10	HIGH		* 2.62 K/ $\mu$ L
MONO	* 1.65 K/ $\mu$ L	0.16 - 1.12	HIGH		* 2.66 K/ $\mu$ L
EOS	0.63 K/ $\mu$ L	0.06 - 1.23			0.08 K/ $\mu$ L
BASO	0.07 K/ $\mu$ L	0.00 - 0.10			0.00 K/ $\mu$ L
PLT	204 K/ $\mu$ L	148 - 484			* 22 K/ $\mu$ L
MPV	12.1 fL	8.7 - 13.2			17.6 fL
PDW	12.6 fL	9.1 - 19.4			--- fL
PCT	0.25 %	0.14 - 0.46			0.04 %

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

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1. Anemia with reticulocytosis - Likely regenerative anemia.
2. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

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