

Client: GALINDO, MEGHAN (110896)    Gender: Male  
 Patient Name: REVEN    Weight:  
 Species: Canine    Age: 5 Years  
 Breed: Chow Chow    Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (August 11, 2023 12:49 PM)</b>					
RBC	1.65 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	9.4 %	37.3 - 61.7	LOW		
HGB	2.8 g/dL	13.1 - 20.5	LOW		
MCV	57.0 fL	61.6 - 73.5	LOW		
MCH	17.0 pg	21.2 - 25.9	LOW		
MCHC	29.8 g/dL	32.0 - 37.9	LOW		
RDW	26.6 %	13.6 - 21.7			HIGH
%RETIC	0.8 %				
RETIC	13.4 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	21.7 pg	22.3 - 29.6	LOW		
WBC	96.42 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	* 94.8 %				
%LYM	* 2.2 %				
%MONO	* 2.4 %				
%EOS	0.2 %				
%BASO	0.4 %				
NEU	* 91.42 K/ $\mu$ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 2.09 K/ $\mu$ L	1.05 - 5.10			
MONO	* 2.34 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.17 K/ $\mu$ L	0.06 - 1.23			
BASO	0.40 K/ $\mu$ L	0.00 - 0.10			HIGH
PLT	408 K/ $\mu$ L	148 - 484			
MPV	14.5 fL	8.7 - 13.2			HIGH
PDW	17.8 fL	9.1 - 19.4			
PCT	0.59 %	0.14 - 0.46			HIGH

\* 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. Microcytic hypochromic anemia - Likely iron-deficiency anemia.
4. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

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

**Catalyst One (August 11, 2023 12:56 PM)**

CREA	6.2 mg/dL	0.5 - 1.8			HIGH
BUN	97 mg/dL	7 - 27			HIGH
BUN/CREA	16				
ALT	97 U/L	10 - 125			
AST	268 U/L	0 - 50			HIGH

ALT: Test results for the latest analyzer run have been multiplied by the dilution factor for a dilution of 1 in 6 total.