

Client: ANDALES, BLESSEL GRACE      Gender: Female  
 (101536)      Weight:  
 Patient Name: ASIA      Age:  
 Species: Canine      Doctor:  
 Breed: Chow Chow

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (August 22, 2022 10:18 AM)</b>					
RBC	5.45 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	28.0 %	37.3 - 61.7	LOW		
HGB	10.5 g/dL	13.1 - 20.5	LOW		
MCV	51.4 fL	61.6 - 73.5	LOW		
MCH	19.3 pg	21.2 - 25.9	LOW		
MCHC	37.5 g/dL	32.0 - 37.9			
RDW	15.8 %	13.6 - 21.7			
%RETIC	0.5 %				
RETIC	25.1 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	14.9 pg	22.3 - 29.6	LOW		
WBC	19.04 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	* 54.6 %				
%LYM	* 29.8 %				
%MONO	* 15.3 %				
%EOS	0.3 %				
%BASO	0.0 %				
NEU	* 10.38 K/ $\mu$ L	2.95 - 11.64			
BAND	* Suspected				
LYM	* 5.68 K/ $\mu$ L	1.05 - 5.10			HIGH
MONO	* 2.92 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.06 K/ $\mu$ L	0.06 - 1.23			
BASO	0.00 K/ $\mu$ L	0.00 - 0.10			
PLT	246 K/ $\mu$ L	148 - 484			
MPV	11.9 fL	8.7 - 13.2			
PDW	12.5 fL	9.1 - 19.4			
PCT	0.29 %	0.14 - 0.46			

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

**Catalyst One (August 22, 2022 10:35 AM)**

GGT	0 U/L	0 - 2			
Na	145 mmol/L	145 - 157			
K	3.6 mmol/L	3.5 - 5.5			
Na/K	40				
Cl	105 mmol/L	105 - 119			

**Catalyst One (August 22, 2022 10:23 AM)**

CREA	0.8 mg/dL	0.3 - 1.2			
BUN	17 mg/dL	7 - 29			
BUN/CREA	23				
ALT	24 U/L	8 - 75			
AST	71 U/L	0 - 50			HIGH
ALKP	154 U/L	46 - 337			