

Client: CABILLA, JEAN (103522)
 Patient Name: PATAN
 Species: Canine
 Breed: Chow Chow

Gender: Male
 Weight:
 Age: 2 Years
 Doctor: ALYNN ALBARECE

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (June 7, 2021 9:00 AM)					
RBC	6.22 M/ μ L	5.65 - 8.87			
HCT	30.8 %	37.3 - 61.7	LOW		
HGB	10.3 g/dL	13.1 - 20.5	LOW		
MCV	49.5 fL	61.6 - 73.5	LOW		
MCH	16.6 pg	21.2 - 25.9	LOW		
MCHC	33.4 g/dL	32.0 - 37.9			
RDW	24.2 %	13.6 - 21.7			HIGH
%RETIC	0.1 %				
RETIC	5.0 K/ μ L	10.0 - 110.0	LOW		
RETIC-HGB	17.8 pg	22.3 - 29.6	LOW		
WBC	14.72 K/ μ L	5.05 - 16.76			
%NEU	* 89.1 %				
%LYM	* 2.2 %				
%MONO	* 6.9 %				
%EOS	1.3 %				
%BASO	0.5 %				
NEU	* 13.11 K/ μ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 0.33 K/ μ L	1.05 - 5.10	LOW		
MONO	* 1.02 K/ μ L	0.16 - 1.12			
EOS	0.19 K/ μ L	0.06 - 1.23			
BASO	0.07 K/ μ L	0.00 - 0.10			
PLT	* 162 K/ μ L	148 - 484			
MPV	11.4 fL	8.7 - 13.2			
PDW	-- fL	9.1 - 19.4			
PCT	0.18 %	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. Increased RDW - Anisocytosis present - review blood film.
3. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

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

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Catalyst One (June 7, 2021 8:57 AM)					
GLU	89 mg/dL	74 - 143			
CREA	0.8 mg/dL	0.5 - 1.8			
BUN	9 mg/dL	7 - 27			
BUN/CREA	12				
PHOS	5.4 mg/dL	2.5 - 6.8			
CA	10.0 mg/dL	7.9 - 12.0			
TP	8.7 g/dL	5.2 - 8.2			HIGH
ALB	2.8 g/dL	2.3 - 4.0			
GLOB	5.9 g/dL	2.5 - 4.5			HIGH
ALB/GLOB	0.5				
ALT	237 U/L	10 - 125			HIGH
ALKP	69 U/L	23 - 212			
GGT	0 U/L	0 - 11			
TBIL	0.4 mg/dL	0.0 - 0.9			
CHOL	225 mg/dL	110 - 320			
AMYL	491 U/L	500 - 1500	LOW		
LIPA	315 U/L	200 - 1800			
Na	153 mmol/L	144 - 160			
K	4.0 mmol/L	3.5 - 5.8			
Na/K	38				
Cl	113 mmol/L	109 - 122			
Osm Calc	299 mmol/kg				