

Client: LOPEZ, JAMEICA (105720)
 Patient Name: CHIN CHIN
 Species: Canine
 Breed: Pekingese

Gender: Male
 Weight: 9.02 lbs
 Age: 5 Years
 Doctor: DANIEL JON BATINGA

BATINGA ANIMAL MEDICAL
 CLINIC
 TIANO-MONTALVAN STS.
 CAGAYAN DE ORO

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (May 15, 2020 10:16 AM)					
RBC	4.22 M/ μ L	5.65 - 8.87	LOW		
HCT	16.4 %	37.3 - 61.7	LOW		
HGB	6.5 g/dL	13.1 - 20.5	LOW		
MCV	38.9 fL	61.6 - 73.5	LOW		
MCH	15.4 pg	21.2 - 25.9	LOW		
MCHC	39.6 g/dL	32.0 - 37.9	HIGH		
RDW	23.4 %	13.6 - 21.7	HIGH		
%RETIC	2.7 %				
RETIC	112.7 K/ μ L	10.0 - 110.0	HIGH		
RETIC-HGB	20.6 pg	22.3 - 29.6	LOW		
WBC	18.77 K/ μ L	5.05 - 16.76	HIGH		
%NEU	80.2 %				
%LYM	5.5 %				
%MONO	12.9 %				
%EOS	1.1 %				
%BASO	0.3 %				
NEU	15.07 K/ μ L	2.95 - 11.64	HIGH		
LYM	1.03 K/ μ L	1.05 - 5.10	LOW		
MONO	2.42 K/ μ L	0.16 - 1.12	HIGH		
EOS	0.20 K/ μ L	0.06 - 1.23			
BASO	0.05 K/ μ L	0.00 - 0.10			
PLT	* 106 K/ μ L	148 - 484	LOW		
MPV	11.5 fL	8.7 - 13.2			
PDW	-- fL	9.1 - 19.4			
PCT	0.12 %	0.14 - 0.46	LOW		

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

1. Anemia with reticulocytosis-likely 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)
4. Increased MCHC or MCH-consider hemolysis (including sample collection/handling), lipemia, Heinz bodies, and agglutination

1. Lymphopenia-likely stress leukogram (glucocorticoid response)
2. Monocytosis - consider inflammation (if lymphopenia, consider glucocorticoid response)

Catalyst One (May 15, 2020 10:25 AM)

GLU	87 mg/dL	74 - 143			
CREA	2.8 mg/dL	0.5 - 1.8	HIGH		
BUN	63 mg/dL	7 - 27	HIGH		
BUN/CREA	22				
TP	5.3 g/dL	5.2 - 8.2			
ALB	2.0 g/dL	2.3 - 4.0	LOW		
GLOB	3.3 g/dL	2.5 - 4.5			
ALB/GLOB	0.6				
ALT	214 U/L	10 - 125	HIGH		
ALKP	347 U/L	23 - 212	HIGH		