

Client: FERRRER, MERCY (104730)
 Patient Name: COLLEEN
 Species: Canine
 Breed: Shih Tzu

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

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

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (September 23, 2020 9:47 AM)					
					11/23/19 8:33 AM
RBC	5.68 M/ μ L	5.65 - 8.87			7.03 M/ μ L
HCT	34.4 %	37.3 - 61.7	LOW		44.4 %
HGB	13.3 g/dL	13.1 - 20.5			15.6 g/dL
MCV	60.6 fL	61.6 - 73.5	LOW		63.2 fL
MCH	23.4 pg	21.2 - 25.9			22.2 pg
MCHC	38.7 g/dL	32.0 - 37.9	HIGH		35.1 g/dL
RDW	15.8 %	13.6 - 21.7			17.2 %
%RETIC	0.3 %				1.0 %
RETIC	14.2 K/ μ L	10.0 - 110.0			67.5 K/ μ L
RETIC-HGB	18.6 pg	22.3 - 29.6	LOW		23.4 pg
WBC	3.81 K/ μ L	5.05 - 16.76	LOW		13.37 K/ μ L
%NEU	65.3 %				56.4 %
%LYM	13.9 %				27.4 %
%MONO	20.2 %				7.1 %
%EOS	0.3 %				8.7 %
%BASO	0.3 %				0.4 %
NEU	2.49 K/ μ L	2.95 - 11.64	LOW		7.54 K/ μ L
LYM	0.53 K/ μ L	1.05 - 5.10	LOW		3.67 K/ μ L
MONO	0.77 K/ μ L	0.16 - 1.12			0.95 K/ μ L
EOS	0.01 K/ μ L	0.06 - 1.23	LOW		1.16 K/ μ L
BASO	0.01 K/ μ L	0.00 - 0.10			0.05 K/ μ L
PLT	* 33 K/ μ L	148 - 484	LOW		311 K/ μ L
MPV	16.6 fL	8.7 - 13.2	HIGH		12.8 fL
PDW	-- fL	9.1 - 19.4			13.4 fL
PCT	0.05 %	0.14 - 0.46	LOW		0.40 %

* 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)
 3. Increased MCHC or MCH-consider hemolysis (including sample collection/handling), lipemia, Heinz bodies, and agglutination
1. Lymphopenia-likely stress leukogram (glucocorticoid response)

ProCyte Dx (November 23, 2019 8:33 AM)

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MCV	63.2 fL	61.6 - 73.5			
MCH	22.2 pg	21.2 - 25.9			
MCHC	35.1 g/dL	32.0 - 37.9			
RDW	17.2 %	13.6 - 21.7			
%RETIC	1.0 %				
RETIC	67.5 K/ μ L	10.0 - 110.0			
RETIC-HGB	23.4 pg	22.3 - 29.6			
WBC	13.37 K/ μ L	5.05 - 16.76			
%NEU	56.4 %				
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ProCyt Dx (November 23, 2019 8:33 AM)

%BASO	0.4 %				
NEU	7.54 K/ μ L	2.95 - 11.64			
LYM	3.67 K/ μ L	1.05 - 5.10			
MONO	0.95 K/ μ L	0.16 - 1.12			
EOS	1.16 K/ μ L	0.06 - 1.23			
BASO	0.05 K/ μ L	0.00 - 0.10			
PLT	311 K/ μ L	148 - 484			
MPV	12.8 fL	8.7 - 13.2			
PDW	13.4 fL	9.1 - 19.4			
PCT	0.40 %	0.14 - 0.46			

Catalyst One (September 23, 2020 9:59 AM)

GLU	77 mg/dL	74 - 143				11/6/19 9:55 AM
CREA	0.9 mg/dL	0.5 - 1.8				0.8 mg/dL
BUN	14 mg/dL	7 - 27				16 mg/dL
BUN/CREA	16					20
TP	7.5 g/dL	5.2 - 8.2				
ALB	3.1 g/dL	2.3 - 4.0				
GLOB	4.4 g/dL	2.5 - 4.5				
ALB/GLOB	0.7					
ALT	50 U/L	10 - 125				30 U/L
ALKP	79 U/L	23 - 212				107 U/L