

Client: MABAO, RALO BARTH
 (112641)
 Patient Name: CLARKY
 Species: Canine
 Breed: Chow Chow

Gender: Male
 Weight:
 Age: 3 Months
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (July 13, 2023 4:52 PM)					
					6/28/23 2:23 PM
RBC	2.06 M/ μ L	5.65 - 8.87	LOW		1.30 M/ μ L
HCT	13.1 %	37.3 - 61.7	LOW		6.7 %
HGB	3.8 g/dL	13.1 - 20.5	LOW		2.4 g/dL
MCV	63.6 fL	61.6 - 73.5			51.5 fL
MCH	18.4 pg	21.2 - 25.9	LOW		18.5 pg
MCHC	29.0 g/dL	32.0 - 37.9	LOW		35.8 g/dL
RDW	19.5 %	13.6 - 21.7			17.7 %
%RETIC	2.5 %				5.3 %
RETIC	52.3 K/ μ L	10.0 - 110.0			68.9 K/ μ L
RETIC-HGB	20.9 pg	22.3 - 29.6	LOW		22.9 pg
WBC	6.20 K/ μ L	5.05 - 16.76			11.36 K/ μ L
%NEU	53.1 %				69.3 %
%LYM	20.2 %				11.8 %
%MONO	25.5 %				18.7 %
%EOS	1.0 %				0.1 %
%BASO	0.2 %				0.1 %
NEU	3.30 K/ μ L	2.95 - 11.64			7.88 K/ μ L
LYM	1.25 K/ μ L	1.05 - 5.10			1.34 K/ μ L
MONO	1.58 K/ μ L	0.16 - 1.12	HIGH		2.12 K/ μ L
EOS	0.06 K/ μ L	0.06 - 1.23			0.01 K/ μ L
BASO	0.01 K/ μ L	0.00 - 0.10			0.01 K/ μ L
PLT	* 94 K/ μ L	148 - 484	LOW		* 29 K/ μ L
MPV	16.7 fL	8.7 - 13.2	HIGH		18.6 fL
PDW	-- fL	9.1 - 19.4			-- fL
PCT	0.16 %	0.14 - 0.46			0.05 %

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

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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. Monocytosis - Consider inflammation (if lymphopenia, consider glucocorticoid response).

Catalyst One (July 13, 2023 5:04 PM)

6/28/23
2:29 PM

ALT	40 U/L	8 - 75			115 U/L
AST	39 U/L	0 - 50			265 U/L