

Client: EMBOLODE, ROY (108817)
 Patient Name: ELY
 Species: Canine
 Breed: Golden Retriever

Gender: Male
 Weight:
 Age: 5 Months
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (April 18, 2022 3:54 PM)					
					1/26/22 2:24 PM
RBC	3.75 M/ μ L	5.65 - 8.87	LOW		5.07 M/ μ L
HCT	21.3 %	37.3 - 61.7	LOW		29.3 %
HGB	8.1 g/dL	13.1 - 20.5	LOW		9.6 g/dL
MCV	56.8 fL	61.6 - 73.5	LOW		57.8 fL
MCH	21.6 pg	21.2 - 25.9			18.9 pg
MCHC	38.0 g/dL	32.0 - 37.9	HIGH		32.8 g/dL
RDW	15.9 %	13.6 - 21.7			19.8 %
%RETIC	0.1 %				1.1 %
RETIC	5.3 K/ μ L	10.0 - 110.0	LOW		54.8 K/ μ L
RETIC-HGB	20.0 pg	22.3 - 29.6	LOW		18.9 pg
WBC	5.92 K/ μ L	5.05 - 16.76			9.30 K/ μ L
%NEU	67.7 %				* 85.6 %
%LYM	20.4 %				* 7.1 %
%MONO	11.3 %				* 6.3 %
%EOS	0.3 %				0.9 %
%BASO	0.3 %				0.1 %
NEU	4.00 K/ μ L	2.95 - 11.64			* 7.96 K/ μ L
LYM	1.21 K/ μ L	1.05 - 5.10			* 0.66 K/ μ L
MONO	0.67 K/ μ L	0.16 - 1.12			* 0.59 K/ μ L
EOS	0.02 K/ μ L	0.06 - 1.23	LOW		0.08 K/ μ L
BASO	0.02 K/ μ L	0.00 - 0.10			0.01 K/ μ L
PLT	* 40 K/ μ L	148 - 484	LOW		* 136 K/ μ L
MPV	19.1 fL	8.7 - 13.2	HIGH		17.9 fL
PDW	-- fL	9.1 - 19.4			-- fL
PCT	0.08 %	0.14 - 0.46	LOW		0.24 %

* 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).

Catalyst One (April 18, 2022 4:00 PM)

CREA	0.6 mg/dL	0.3 - 1.2				1/26/22 2:32 PM
ALT	< 10 U/L	8 - 75				0.2 mg/dL
AST	31 U/L	0 - 50				82 U/L