

Client: YASAY, OLIVE (110910)
 Patient Name: NANO
 Species: Canine
 Breed: Mixed

Gender: Male
 Weight:
 Age: 5 Months
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (November 26, 2022 3:01 PM)					
					11/19/22 10:27 AM
RBC	3.78 M/ μ L	5.65 - 8.87	LOW		2.65 M/ μ L
HCT	22.9 %	37.3 - 61.7	LOW		16.1 %
HGB	6.9 g/dL	13.1 - 20.5	LOW		4.9 g/dL
MCV	60.6 fL	61.6 - 73.5	LOW		60.8 fL
MCH	18.3 pg	21.2 - 25.9	LOW		18.5 pg
MCHC	30.1 g/dL	32.0 - 37.9	LOW		30.4 g/dL
RDW	20.7 %	13.6 - 21.7			24.8 %
%RETIC	10.3 %				16.8 %
RETIC	389.7 K/ μ L	10.0 - 110.0	HIGH		446.0 K/ μ L
RETIC-HGB	20.4 pg	22.3 - 29.6	LOW		19.0 pg
WBC	40.01 K/ μ L	5.05 - 16.76	HIGH		71.42 K/ μ L
%NEU	61.7 %				69.7 %
%LYM	24.8 %				22.0 %
%MONO	8.2 %				6.2 %
%EOS	4.9 %				2.0 %
%BASO	0.4 %				0.1 %
NEU	24.68 K/ μ L	2.95 - 11.64	HIGH		49.81 K/ μ L
LYM	9.92 K/ μ L	1.05 - 5.10	HIGH		15.69 K/ μ L
MONO	3.27 K/ μ L	0.16 - 1.12	HIGH		4.46 K/ μ L
EOS	1.97 K/ μ L	0.06 - 1.23	HIGH		1.40 K/ μ L
BASO	0.17 K/ μ L	0.00 - 0.10	HIGH		0.06 K/ μ L
PLT	* 440 K/ μ L	148 - 484			* 426 K/ μ L
MPV	15.8 fL	8.7 - 13.2	HIGH		15.4 fL
PDW	-- fL	9.1 - 19.4			-- fL
PCT	0.70 %	0.14 - 0.46	HIGH		0.66 %

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

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1. Anemia with reticulocytosis - Likely regenerative anemia.
2. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

1. Monocytosis - Consider inflammation.