

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

Gender: Male
 Weight:
 Age: 6 Months
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (December 20, 2022 10:44 AM)					
					12/10/22 10:37 AM
RBC	6.30 M/ μ L	5.65 - 8.87			6.36 M/ μ L
HCT	33.9 %	37.3 - 61.7	LOW		35.2 %
HGB	11.4 g/dL	13.1 - 20.5	LOW		11.5 g/dL
MCV	53.8 fL	61.6 - 73.5	LOW		55.3 fL
MCH	18.1 pg	21.2 - 25.9	LOW		18.1 pg
MCHC	33.6 g/dL	32.0 - 37.9			32.7 g/dL
RDW	22.8 %	13.6 - 21.7			23.2 %
%RETIC	0.7 %				1.4 %
RETIC	46.6 K/ μ L	10.0 - 110.0			88.4 K/ μ L
RETIC-HGB	21.8 pg	22.3 - 29.6	LOW		23.0 pg
WBC	16.92 K/ μ L	5.05 - 16.76			19.27 K/ μ L
%NEU	52.4 %				45.3 %
%LYM	32.2 %				42.0 %
%MONO	8.0 %				5.8 %
%EOS	6.6 %				6.3 %
%BASO	0.8 %				0.6 %
NEU	8.87 K/ μ L	2.95 - 11.64			8.72 K/ μ L
LYM	5.45 K/ μ L	1.05 - 5.10			8.10 K/ μ L
MONO	1.35 K/ μ L	0.16 - 1.12			1.11 K/ μ L
EOS	1.11 K/ μ L	0.06 - 1.23			1.22 K/ μ L
BASO	0.14 K/ μ L	0.00 - 0.10			0.12 K/ μ L
PLT	366 K/ μ L	148 - 484			* 154 K/ μ L
MPV	12.8 fL	8.7 - 13.2			13.7 fL
PDW	12.5 fL	9.1 - 19.4			-- fL
PCT	0.47 %	0.14 - 0.46			0.21 %

* 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).

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