

Client: ANTALLAN, NHANIL (104385) Gender: Male
 Patient Name: PEPOY Weight:
 Species: Canine Age: 4 Years
 Breed: German Shepherd Dog Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (November 20, 2023 9:49 AM)					
					5/20/23 11:14 AM
RBC	5.35 M/ μ L	5.65 - 8.87	LOW		4.90 M/ μ L
HCT	32.8 %	37.3 - 61.7	LOW		31.6 %
HGB	11.9 g/dL	13.1 - 20.5	LOW		11.4 g/dL
MCV	61.3 fL	61.6 - 73.5	LOW		64.5 fL
MCH	22.2 pg	21.2 - 25.9			23.3 pg
MCHC	36.3 g/dL	32.0 - 37.9			36.1 g/dL
RDW	15.3 %	13.6 - 21.7			18.0 %
%RETIC	0.0 %				0.7 %
RETIC	2.1 K/ μ L	10.0 - 110.0	LOW		34.3 K/ μ L
RETIC-HGB	20.4 pg	22.3 - 29.6	LOW		25.5 pg
WBC	4.34 K/ μ L	5.05 - 16.76	LOW		11.79 K/ μ L
%NEU	47.5 %				31.6 %
%LYM	23.7 %				22.7 %
%MONO	28.8 %				6.4 %
%EOS	0.0 %				34.1 %
%BASO	0.0 %				5.2 %
NEU	2.06 K/ μ L	2.95 - 11.64	LOW		3.73 K/ μ L
LYM	1.03 K/ μ L	1.05 - 5.10	LOW		2.68 K/ μ L
MONO	1.25 K/ μ L	0.16 - 1.12	HIGH		0.75 K/ μ L
EOS	0.00 K/ μ L	0.06 - 1.23	LOW		4.02 K/ μ L
BASO	0.00 K/ μ L	0.00 - 0.10			0.61 K/ μ L
PLT	* 11 K/ μ L	148 - 484	LOW		125 K/ μ L
MPV	19.4 fL	8.7 - 13.2	HIGH		12.6 fL
PDW	-- fL	9.1 - 19.4			19.1 fL
PCT	0.02 %	0.14 - 0.46	LOW		0.16 %

* 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. Lymphopenia - Likely stress leukogram (glucocorticoid response).
2. Monocytosis - Consider inflammation (if lymphopenia, consider glucocorticoid response).

Catalyst One (November 20, 2023 9:55 AM)

CREA	1.1 mg/dL	0.5 - 1.8				5/20/23 11:14 AM
BUN	16 mg/dL	7 - 27				1.0 mg/dL
BUN/CREA	14					14 mg/dL
ALT	43 U/L	10 - 125				13
AST	36 U/L	0 - 50				92 U/L
ALKP	69 U/L	23 - 212				41 U/L
						144 U/L

4Dx Plus (November 20, 2023 10:06 AM)

AP_spp	Positive					5/10/23 9:24 AM
EC-EE	Positive					Negative
HW	Negative					Negative
Lyme	Negative					Negative