

Client: NISNISAN, DIANNE (105353) Gender: Female  
 Patient Name: LEXIE Weight:  
 Species: Canine Age: 2 Years  
 Breed: German Shepherd Dog Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (July 27, 2022 9:53 AM)					
					7/25/22 4:11 PM
RBC	3.84 M/ $\mu$ L	5.65 - 8.87	LOW		4.23 M/ $\mu$ L
HCT	21.3 %	37.3 - 61.7	LOW		23.6 %
HGB	8.4 g/dL	13.1 - 20.5	LOW		9.4 g/dL
MCV	55.5 fL	61.6 - 73.5	LOW		55.8 fL
MCH	21.9 pg	21.2 - 25.9			22.2 pg
MCHC	39.4 g/dL	32.0 - 37.9	HIGH		39.8 g/dL
RDW	14.7 %	13.6 - 21.7			14.6 %
%RETIC	0.2 %				0.1 %
RETIC	6.1 K/ $\mu$ L	10.0 - 110.0	LOW		2.1 K/ $\mu$ L
RETIC-HGB	20.4 pg	22.3 - 29.6	LOW		20.7 pg
WBC	57.26 K/ $\mu$ L	5.05 - 16.76	HIGH		20.84 K/ $\mu$ L
%NEU	* 79.9 %				* 31.5 %
%LYM	* 6.4 %				* 30.1 %
%MONO	* 13.7 %				* 38.3 %
%EOS	0.0 %				0.1 %
%BASO	0.0 %				0.0 %
NEU BAND	* 45.73 K/ $\mu$ L * Suspected	2.95 - 11.64	HIGH		* 6.55 K/ $\mu$ L * Suspected
LYM	* 3.68 K/ $\mu$ L	1.05 - 5.10			* 6.28 K/ $\mu$ L
MONO	* 7.84 K/ $\mu$ L	0.16 - 1.12	HIGH		* 7.99 K/ $\mu$ L
EOS	0.01 K/ $\mu$ L	0.06 - 1.23	LOW		0.02 K/ $\mu$ L
BASO	0.00 K/ $\mu$ L	0.00 - 0.10			0.00 K/ $\mu$ L
PLT	* 60 K/ $\mu$ L	148 - 484	LOW		* 17 K/ $\mu$ L
MPV	15.4 fL	8.7 - 13.2	HIGH		15.2 fL
PDW	-- fL	9.1 - 19.4			-- fL
PCT	0.09 %	0.14 - 0.46	LOW		0.03 %

\* 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).
3. Increased MCHC or MCH - Consider hemolysis (including sample collection/handling), lipemia, and Heinz bodies.

1. Immature and/or toxic neutrophils likely present - Consider inflammation.

Catalyst One (July 27, 2022 9:58 AM)

BUN	> 130 mg/dL	7 - 27	HIGH		
AST	776 U/L	0 - 50	HIGH		

4Dx Plus (July 27, 2022 10:29 AM)

AP_spp	Positive
EC-EE	Negative
HW	Positive
Lyme	Negative