

Client: DALUZ, ARNIEL (107161)
 Patient Name: SALIG
 Species: Canine
 Breed: Other

Gender: Male
 Weight: 3.30 lbs
 Age: 7 Weeks
 Doctor: ALYNN ALBARECE

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (March 2, 2021 2:20 AM)					
					2/9/21 5:16 AM
RBC	3.70 M/ μ L	5.65 - 8.87	LOW		2.77 M/ μ L
HCT	22.7 %	37.3 - 61.7	LOW		15.5 %
HGB	7.5 g/dL	13.1 - 20.5	LOW		5.3 g/dL
MCV	61.4 fL	61.6 - 73.5	LOW		56.0 fL
MCH	20.3 pg	21.2 - 25.9	LOW		19.1 pg
MCHC	33.0 g/dL	32.0 - 37.9			34.2 g/dL
RDW	18.6 %	13.6 - 21.7			22.2 %
%RETIC	6.7 %				5.8 %
RETIC	246.4 K/ μ L	10.0 - 110.0	HIGH		161.2 K/ μ L
RETIC-HGB	20.2 pg	22.3 - 29.6	LOW		19.0 pg
WBC	24.96 K/ μ L	5.05 - 16.76	HIGH		42.65 K/ μ L
%NEU	* 57.6 %				* 34.5 %
%LYM	* 23.8 %				* 24.2 %
%MONO	* 11.0 %				* 41.2 %
%EOS	5.8 %				0.1 %
%BASO	1.8 %				0.0 %
NEU	* 14.38 K/ μ L	2.95 - 11.64	HIGH		* 14.72 K/ μ L
BAND	* Suspected				* Suspected
LYM	* 5.94 K/ μ L	1.05 - 5.10	HIGH		* 10.31 K/ μ L
MONO	* 2.75 K/ μ L	0.16 - 1.12	HIGH		* 17.57 K/ μ L
EOS	1.45 K/ μ L	0.06 - 1.23	HIGH		0.05 K/ μ L
BASO	0.44 K/ μ L	0.00 - 0.10	HIGH		0.00 K/ μ L
PLT	462 K/ μ L	148 - 484			* 481 K/ μ L
MPV	13.2 fL	8.7 - 13.2			14.4 fL
PDW	14.4 fL	9.1 - 19.4			-- fL
PCT	0.61 %	0.14 - 0.46	HIGH		0.69 %

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

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Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (February 9, 2021 5:16 AM)					
RBC	2.77 M/ μ L	5.65 - 8.87	LOW		
HCT	15.5 %	37.3 - 61.7	LOW		
HGB	5.3 g/dL	13.1 - 20.5	LOW		
MCV	56.0 fL	61.6 - 73.5	LOW		
MCH	19.1 pg	21.2 - 25.9	LOW		
MCHC	34.2 g/dL	32.0 - 37.9			
RDW	22.2 %	13.6 - 21.7			HIGH
%RETIC	5.8 %				
RETIC	161.2 K/ μ L	10.0 - 110.0			HIGH
RETIC-HGB	19.0 pg	22.3 - 29.6	LOW		
WBC	42.65 K/ μ L	5.05 - 16.76			HIGH
%NEU	* 34.5 %				
%LYM	* 24.2 %				
%MONO	* 41.2 %				
%EOS	0.1 %				
%BASO	0.0 %				
NEU	* 14.72 K/ μ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 10.31 K/ μ L	1.05 - 5.10			HIGH
MONO	* 17.57 K/ μ L	0.16 - 1.12			HIGH
EOS	0.05 K/ μ L	0.06 - 1.23	LOW		
BASO	0.00 K/ μ L	0.00 - 0.10			
PLT	* 481 K/ μ L	148 - 484			
MPV	14.4 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.69 %	0.14 - 0.46			HIGH

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Catalyst One (February 9, 2021 5:26 AM)

CREA	0.1 mg/dL	0.3 - 1.2	LOW		
BUN	9 mg/dL	7 - 29			
BUN/CREA	65				
ALT	33 U/L	8 - 75			
AST	34 U/L	0 - 50			
ALKP	250 U/L	46 - 337			