

Client: VERADOR, VIVIAN (3)
 Patient Name: MAX
 Species: Canine
 Breed: Doberman Pinscher

Gender: Male
 Weight:
 Age: 5 Years
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (March 19, 2025 8:49 AM)					
RBC	5.33 M/ μ L	5.65 - 8.87	LOW		
HCT	29.9 %	37.3 - 61.7	LOW		
HGB	9.9 g/dL	13.1 - 20.5	LOW		
MCV	56.1 fL	61.6 - 73.5	LOW		
MCH	18.6 pg	21.2 - 25.9	LOW		
MCHC	33.1 g/dL	32.0 - 37.9			
RDW	24.9 %	13.6 - 21.7			HIGH
%RETIC	0.2 %				
RETIC	9.6 K/ μ L	10.0 - 110.0	LOW		
RETIC-HGB	20.7 pg	22.3 - 29.6	LOW		
WBC	37.01 K/ μ L	5.05 - 16.76			HIGH
%NEU	* 85.2 %				
%LYM	* 8.7 %				
%MONO	* 5.9 %				
%EOS	0.0 %				
%BASO	0.2 %				
NEU	* 31.55 K/ μ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 3.21 K/ μ L	1.05 - 5.10			
MONO	* 2.18 K/ μ L	0.16 - 1.12			HIGH
EOS	0.01 K/ μ L	0.06 - 1.23	LOW		
BASO	0.06 K/ μ L	0.00 - 0.10			
PLT	165 K/ μ L	148 - 484			
MPV	12.1 fL	8.7 - 13.2			
PDW	12.1 fL	9.1 - 19.4			
PCT	0.20 %	0.14 - 0.46			

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

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.
2. Increased RDW - Anisocytosis present - review blood film.
3. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

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

Catalyst One (March 19, 2025 10:09 AM)

SDMA	57 μ g/dL	0 - 14	HIGH	
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SDMA:

SDMA is increased, no CREA result: likely impaired GFR and kidney function. Recommended next step: evaluation of other renal function tests, and complete urinalysis. For information on recommended actions visit: www.idexx.com/sdmaalgorithm.

Catalyst One (March 19, 2025 8:58 AM)

GLU	85 mg/dL	74 - 143		
CREA	-- mg/dL	0.5 - 1.8		
BUN	> 130 mg/dL	7 - 27	HIGH	
TP	6.9 g/dL	5.2 - 8.2		
ALB	3.0 g/dL	2.3 - 4.0		
GLOB	3.9 g/dL	2.5 - 4.5		
ALB/GLOB	0.8			
ALT	50 U/L	10 - 125		

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Test	Results	Reference Interval	LOW	NORMAL	HIGH
Catalyst One (March 19, 2025 8:58 AM)					
ALKP	57 U/L	23 - 212			
Na	134 mmol/L	144 - 160	LOW		
K	5.0 mmol/L	3.5 - 5.8			
Na/K	27				
Cl	93 mmol/L	109 - 122	LOW		

