

Client: MURING, JEREMIAS (116395) Gender: Male  
 Patient Name: TAM-TAM Weight:  
 Species: Canine Age: 3 Years  
 Breed: Other Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (September 24, 2024 12:29 PM)</b>					
RBC	5.22 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	34.6 %	37.3 - 61.7	LOW		
HGB	12.0 g/dL	13.1 - 20.5	LOW		
MCV	66.3 fL	61.6 - 73.5			
MCH	23.0 pg	21.2 - 25.9			
MCHC	34.7 g/dL	32.0 - 37.9			
RDW	13.6 %	13.6 - 21.7			
%RETIC	0.1 %				
RETIC	2.6 K/ $\mu$ L	10.0 - 110.0	LOW		
RETIC-HGB	21.4 pg	22.3 - 29.6	LOW		
WBC	26.32 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	* 63.4 %				
%LYM	* 20.9 %				
%MONO	* 15.7 %				
%EOS	0.0 %				
%BASO	0.0 %				
NEU	* 16.69 K/ $\mu$ L	2.95 - 11.64			HIGH
BAND	* Suspected				
LYM	* 5.50 K/ $\mu$ L	1.05 - 5.10			HIGH
MONO	* 4.12 K/ $\mu$ L	0.16 - 1.12			HIGH
EOS	0.01 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.00 K/ $\mu$ L	0.00 - 0.10			
PLT	* 15 K/ $\mu$ L	148 - 484	LOW		
MPV	18.4 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.03 %	0.14 - 0.46	LOW		

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

**Catalyst One (September 24, 2024 12:39 PM)**

SDMA	14 $\mu$ g/dL	0 - 14			
CREA	1.0 mg/dL	0.5 - 1.8			
BUN	14 mg/dL	7 - 27			
BUN/CREA	14				
ALT	36 U/L	10 - 125			
AST	79 U/L	0 - 50			HIGH
ALKP	411 U/L	23 - 212			HIGH

SDMA:

SDMA and CREA within reference interval: impairment of GFR is unlikely. Recommended next step: evaluate complete urinalysis.

**4Dx Plus (September 24, 2024 1:13 PM)**

AP_spp	Negative
EH_spp	Negative
HW	Negative
Lyme	Negative

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4Dx Plus (September 24, 2024 1:13 PM)