

Client: CARUMBA, LIEZE (107386)  
 Patient Name: SASHI  
 Species: Canine  
 Breed: Mixed

Gender: Female  
 Weight:  
 Age: 3 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (September 28, 2024 9:38 AM)</b>					
RBC	3.22 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	16.8 %	37.3 - 61.7	LOW		
HGB	5.9 g/dL	13.1 - 20.5	LOW		
MCV	52.2 fL	61.6 - 73.5	LOW		
MCH	18.3 pg	21.2 - 25.9	LOW		
MCHC	35.1 g/dL	32.0 - 37.9			
RDW	17.0 %	13.6 - 21.7			
%RETIC	0.1 %				
RETIC	2.6 K/ $\mu$ L	10.0 - 110.0	LOW		
RETIC-HGB	20.7 pg	22.3 - 29.6	LOW		
WBC	20.43 K/ $\mu$ L	5.05 - 16.76			HIGH
%NEU	90.7 %				
%LYM	4.1 %				
%MONO	5.0 %				
%EOS	0.0 %				
%BASO	0.2 %				
NEU	18.53 K/ $\mu$ L	2.95 - 11.64			HIGH
LYM	0.83 K/ $\mu$ L	1.05 - 5.10	LOW		
MONO	1.02 K/ $\mu$ L	0.16 - 1.12			
EOS	0.00 K/ $\mu$ L	0.06 - 1.23	LOW		
BASO	0.05 K/ $\mu$ L	0.00 - 0.10			
PLT	* 38 K/ $\mu$ L	148 - 484	LOW		
MPV	17.6 fL	8.7 - 13.2			HIGH
PDW	-- fL	9.1 - 19.4			
PCT	0.07 %	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. Lymphopenia - Likely stress leukogram (glucocorticoid response).

**Catalyst One (September 28, 2024 10:21 AM)**

CREA	3.1 mg/dL	0.5 - 1.8			HIGH
BUN	107 mg/dL	7 - 27			HIGH
BUN/CREA	35				
ALT	40 U/L	10 - 125			
AST	131 U/L	0 - 50			HIGH
ALKP	54 U/L	23 - 212			

**4Dx Plus (September 28, 2024 9:50 AM)**

AP_spp	Negative
EH_spp	Positive
HW	Negative
Lyme	Negative