

Client: LORENZO, DAVID (107228)  
 Patient Name: KOB  
 Species: Canine  
 Breed: Akita

Gender: Female  
 Weight:  
 Age: 3 Years  
 Doctor: ALYNN ALBARECE

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (March 26, 2021 1:50 AM)</b>					
RBC	6.58 M/ $\mu$ L	5.65 - 8.87			
HCT	36.9 %	37.3 - 61.7	LOW		
HGB	13.2 g/dL	13.1 - 20.5			
MCV	56.1 fL	61.6 - 73.5	LOW		
MCH	20.1 pg	21.2 - 25.9	LOW		
MCHC	35.8 g/dL	32.0 - 37.9			
RDW	18.9 %	13.6 - 21.7			
%RETIC	0.2 %				
RETIC	10.5 K/ $\mu$ L	10.0 - 110.0			
RETIC-HGB	21.7 pg	22.3 - 29.6	LOW		
WBC	8.74 K/ $\mu$ L	5.05 - 16.76			
%NEU	56.0 %				
%LYM	31.9 %				
%MONO	5.5 %				
%EOS	6.5 %				
%BASO	0.1 %				
NEU	4.89 K/ $\mu$ L	2.95 - 11.64			
LYM	2.79 K/ $\mu$ L	1.05 - 5.10			
MONO	0.48 K/ $\mu$ L	0.16 - 1.12			
EOS	0.57 K/ $\mu$ L	0.06 - 1.23			
BASO	0.01 K/ $\mu$ L	0.00 - 0.10			
PLT	* 16 K/ $\mu$ L	148 - 484	LOW		
MPV	18.7 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).

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Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>Catalyst One (March 26, 2021 2:02 AM)</b>					
GLU	93 mg/dL	74 - 143			
CREA	1.1 mg/dL	0.5 - 1.8			
BUN	18 mg/dL	7 - 27			
BUN/CREA	17				
PHOS	4.3 mg/dL	2.5 - 6.8			
CA	10.0 mg/dL	7.9 - 12.0			
TP	7.8 g/dL	5.2 - 8.2			
ALB	3.3 g/dL	2.3 - 4.0			
GLOB	4.5 g/dL	2.5 - 4.5			
ALB/GLOB	0.7				
ALT	84 U/L	10 - 125			
ALKP	35 U/L	23 - 212			
GGT	3 U/L	0 - 11			
TBIL	0.3 mg/dL	0.0 - 0.9			
CHOL	147 mg/dL	110 - 320			
AMYL	769 U/L	500 - 1500			
LIPA	567 U/L	200 - 1800			

**4Dx Plus (March 26, 2021 2:16 AM)**

AP\_spp Negative  
 EC-EE Negative  
 HW Negative  
 Lyme Negative