

Client: POTRERO, JOEL (109667)  
 Patient Name: BUDDY  
 Species: Canine  
 Breed: Mixed

Gender: Male/Castrated  
 Weight:  
 Age: 8 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (June 11, 2022 2:24 PM)</b>					
RBC	8.70 M/ $\mu$ L	5.65 - 8.87			
HCT	57.2 %	37.3 - 61.7			
HGB	19.1 g/dL	13.1 - 20.5			
MCV	65.7 fL	61.6 - 73.5			
MCH	22.0 pg	21.2 - 25.9			
MCHC	33.4 g/dL	32.0 - 37.9			
RDW	19.0 %	13.6 - 21.7			
%RETIC	1.9 %				
<b>RETIC</b>	<b>168.8 K/<math>\mu</math>L</b>	<b>10.0 - 110.0</b>			<b>HIGH</b>
<b>RETIC-HGB</b>	<b>21.9 pg</b>	<b>22.3 - 29.6</b>	<b>LOW</b>		
WBC	13.63 K/ $\mu$ L	5.05 - 16.76			
%NEU	75.6 %				
%LYM	12.3 %				
%MONO	5.5 %				
%EOS	5.9 %				
%BASO	0.7 %				
NEU	10.31 K/ $\mu$ L	2.95 - 11.64			
LYM	1.67 K/ $\mu$ L	1.05 - 5.10			
MONO	0.75 K/ $\mu$ L	0.16 - 1.12			
EOS	0.80 K/ $\mu$ L	0.06 - 1.23			
BASO	0.10 K/ $\mu$ L	0.00 - 0.10			
PLT	245 K/ $\mu$ L	148 - 484			
<b>MPV</b>	<b>13.6 fL</b>	<b>8.7 - 13.2</b>			<b>HIGH</b>
PDW	15.8 fL	9.1 - 19.4			
PCT	0.33 %	0.14 - 0.46			

1. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).
2. Reticulocytosis without anemia - Consider occult hemolytic or blood loss disease.

**Catalyst One (June 11, 2022 2:30 PM)**

GLU	99 mg/dL	70 - 143			
CREA	1.1 mg/dL	0.5 - 1.8			
BUN	20 mg/dL	7 - 27			
BUN/CREA	18				
PHOS	3.1 mg/dL	2.5 - 6.8			
CA	10.5 mg/dL	7.9 - 12.0			
TP	7.9 g/dL	5.2 - 8.2			
ALB	3.4 g/dL	2.2 - 3.9			
GLOB	4.5 g/dL	2.5 - 4.5			
ALB/GLOB	0.7				
ALT	47 U/L	10 - 125			
<b>ALKP</b>	<b>280 U/L</b>	<b>23 - 212</b>			<b>HIGH</b>
GGT	0 U/L	0 - 11			
TBIL	0.3 mg/dL	0.0 - 0.9			
CHOL	161 mg/dL	110 - 320			
AMYL	1116 U/L	500 - 1500			
LIPA	480 U/L	200 - 1800			