

Client: CASTANO (115895)  
 Patient Name: JACK  
 Species: Canine  
 Breed: Shih Tzu

Gender: Male  
 Weight:  
 Age: 13 Years  
 Doctor: VINCENT RAFAEL SITON

BATINGA ANIMAL MEDICAL  
 CENTER

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte One (August 9, 2024 10:56 AM)</b>					
					7/23/24 3:41 PM
RBC	5.45 M/ $\mu$ L	5.65 - 8.87	LOW		6.25 M/ $\mu$ L
HCT	32.5 %	37.3 - 61.7	LOW		41.4 %
HGB	13.1 g/dL	13.1 - 20.5			14.7 g/dL
MCV	59.6 fL	61.6 - 73.5	LOW		66.3 fL
MCH	24.1 pg	21.2 - 25.9			23.5 pg
MCHC	40.5 g/dL	32.0 - 37.9	HIGH		35.5 g/dL
RDW	14.0 %	13.6 - 21.7			14.4 %
%RETIC	0.0 %				0.8 %
RETIC	0.4 K/ $\mu$ L	10.0 - 110.0	LOW		47.6 K/ $\mu$ L
WBC	43.13 K/ $\mu$ L	5.05 - 16.76	HIGH		34.52 K/ $\mu$ L
%NEU	88.4 %				77.5 %
%LYM	2.3 %				9.9 %
%MONO	9.3 %				11.9 %
%EOS	0.0 %				0.8 %
%BASO	0.0 %				0.0 %
NEU	38.11 K/ $\mu$ L	2.95 - 11.64	HIGH		26.75 K/ $\mu$ L
LYM	1.01 K/ $\mu$ L	1.05 - 5.10	LOW		3.40 K/ $\mu$ L
MONO	3.99 K/ $\mu$ L	0.16 - 1.12	HIGH		4.10 K/ $\mu$ L
EOS	0.02 K/ $\mu$ L	0.06 - 1.23	LOW		0.27 K/ $\mu$ L
BASO	0.00 K/ $\mu$ L	0.00 - 0.10			0.00 K/ $\mu$ L
PLT	31 K/ $\mu$ L	148 - 484	LOW		411 K/ $\mu$ L
MPV	-- fL	8.7 - 13.2			9.9 fL
PDW	18.2 fL	9.1 - 19.4			15.2 fL
PCT	-- %	0.14 - 0.46			0.41 %

1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.  
 2. Increased MCHC or MCH - Consider hemolysis (including sample collection/handling), lipemia, and Heinz bodies.

1. Lymphopenia - Likely stress leukogram (glucocorticoid response). Confirm with blood film review.  
 2. Monocytosis - Consider inflammation.

**Catalyst One (August 9, 2024 11:00 AM)**

CREA	-- mg/dL	0.5 - 1.8			
BUN	> 130 mg/dL	7 - 27	HIGH		
ALT	35 U/L	10 - 125			
AST	48 U/L	0 - 50			
ALKP	297 U/L	23 - 212	HIGH		