



CASE HISTORY

Pet Name: G44 DOG	Owner Name: TAKSHAK AWF
Species: CANINE	Sample Collection Date: 29.07.2026
Breed:	Reports Date: 29.07.2026
Age:	Referred by: SELF
Sex:	MVDL CN: 6453 H

HEMATOLOGY RESULTS

Parameter	Result	Ref. Interval	Interpretation
Hematocrit (%)	15.1	37.0-55.0	LOW
Hemoglobin (g/dL)	5.10	12.0-18.0	LOW
Total Erythrocytes Count (Millions/ μ L)	2.90	4.8-9.3	LOW
MCV (ft)	67.8	66.0-77.0	
MCH (pg)	21.6	21.0-26.2	
MCHC (g/dL)	30.9	30.0-36.9	
Total Leucocyte Count (per μ L)	51300	6000-16900	HIGH
Total Granulocyte Count (per μ L)	45600	3300-12000	HIGH
Total Granulocyte Count (%)	88.8		
Total Lymphocyte/Monocyte Count (per μ L)	5700	1100-6300	
Total Lymphocyte/Monocyte Count (%)	11.2		
Platelet count (K/ μ L)	228000	175000-500000	

Differential Leukocytes Count (DLC Based on Blood Smear Reading)

Leukocytes (%)	Results	Intervals	Interpretation
Neutrophils	80	60-70	HIGH
Lymphocytes	14	18-30	LOW
Monocytes	4	1-6	
Eosinophils	2	1-4	
Basophils	0	0-1	

BLOOD SMEAR EXAMINATION

Parameter	Result/Interpretation
Presence of any infectious organism/inclusions (bacteria, viral inclusions, hemoprotozoa etc.)	Positive for <i>Babesia gibsoni</i> infection.
Erythrocyte Morphology	Inadequate / Microcytic Hypochromic
Leucocyte Morphology/count	Inadequate Count / Higher Count
Platelet Morphology/estimated count	Inadequate Count / Lower Count
Hematological Malignancy	Not Evident

Interpretation of Results

- Positive for *Babesia gibsoni* infection.
- Moderate Anemia.
- Moderate Absolute Neutrophilia.
- Activated Platelets.

Note - Reference & Result values may be affected by many variables and even the laboratory methods used.

Examined by

(Dr. R. J. KHODVE)
[BVSc&AH, MVSc]