

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Archer
 Gender: Male
 Test Number: 260913001
 Sample ID:

Owner Name: Toti Singson
 Age: 9Y
 Sample Type: Blood

Species: Canine
 Patient or Visit NO.:
 Time Tested: 13/09/2026 10:13:54

Test	Result		Unit	Reference Range	Low	Normal	High
1.WBC							
1-1White blood cell count(WBC)	27.41	↑	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	21.98	↑	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.00		10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	21.98	↑	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00		10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	2.99		10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	2.08	↑	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.36		10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.00		10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	80.2		%	50.0-81.0			
1-11%Neutrophil stab granulocyte in WBC(Nst/WBC%)	0.0		%	0.0-10.0			
1-12%Neutrophil segmented granulocyte(Nsg%)	80.2	↑	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-15.5			
1-14%Lymphocytes(Lym%)	10.9	↓	%	12.0-33.0			
1-15%Monocytes(Mon%)	7.6		%	2.0-13.0			
1-16%Eosinophils(Eos%)	1.3		%	0.5-10.0			
1-17%Basophils(Bas%)	0.0		%	0.0-1.3			
1-18%Neutrophil stab granulocyte in Neu(Nst/Neu%)	0.0		%	0.0-22.0			
1-19%Hypersegmented neutrophils in Neu(Nsh/Neu%)	0.0		%	0.0-20.0			
2.RBC							
2-1Red blood cell count(RBC)	5.52		10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	148		g/L	110-190			
2-3Hematocrit(HCT)	43.3		%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	78.5		fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	26.8		pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	341		g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	15.8		%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	47.8		fL	31.2-51.7			
2-9Reticulocytes(RET#)	4.11		10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.07		%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	42.4		fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	41.7		%	20.0-80.0			
2-13Nucleated red blood cell(NRBC#)	0.00		10 ⁹ /L	0.00-0.10			
2-14%Nucleated red blood cell in WBC(NRBC/WBC%)	0.00		%	0.00-0.50			
2-15Erythrocyte ghost(ETG#)	0.00		10 ¹² /L	0.00-0.10			
2-16%Erythrocyte ghost(ETG%)	0.00		%	0.00-3.00			
2-17Spherocytes(SPH#)	0.21		10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.00		%	0.00-2.00			
2-19Agglutinated erythrocytes(AGG#)	0.00		10 ⁹ /L	0.00-0.50			
2-20Heinz Bodies(HBRBC#)	0.00		10 ⁹ /L	0.00-0.00			
3.PLT							
3-1Platelet(PLT)	107	↓	10 ⁹ /L	117-490			

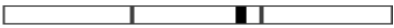
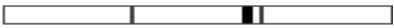
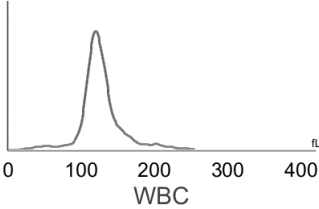
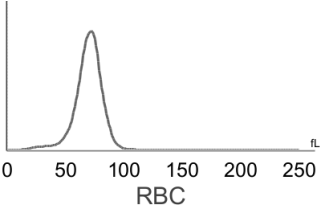
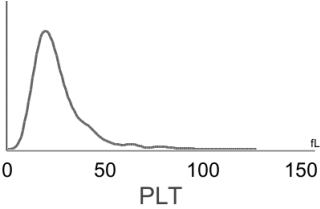


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3-2Mean platelet volume(MPV)	13.2	fL	8.4-14.1	
3-3Plateletcrit(PCT)	0.142	%	0.090-0.580	
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	80.1	↑ %	30.0-80.0	
3-5Platelet distribution width-Standard Deviation(PDW-SD)	18.2	fL	5.0-20.0	
3-6Large platelet(LPLT#)	53	10^9/L	0-285	
3-7%Large platelet(P-LCR)	49.5	%	9.0-50.0	
3-8Aggregated Platelet Count(APLT#)	0.00	10^9/L	0.00-0.65	
  				

Pet Doctors Veterinary Supplies and Services

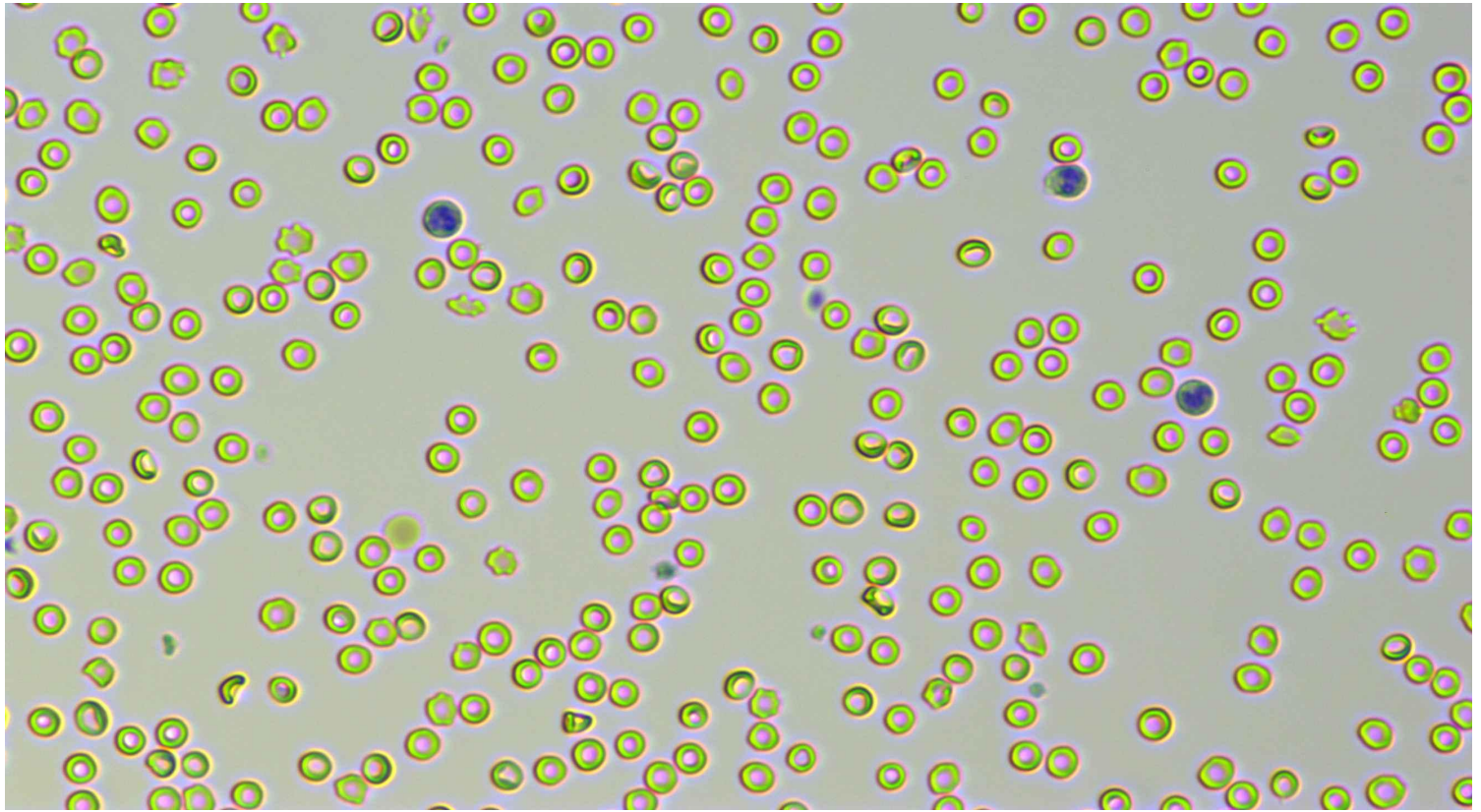
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Distribution Chart

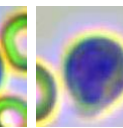
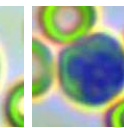
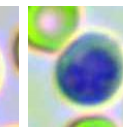
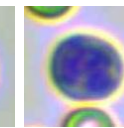
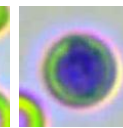
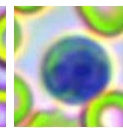
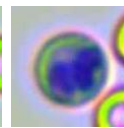
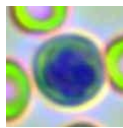
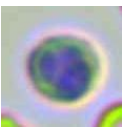
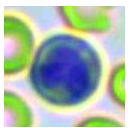


Neutrophil stab granulocytes

Count:

Concentration:

Percentage:



Neutrophil segmented granulocytes

Count: 1158.0

Concentration: $21.98 \times 10^9/L$

Percentage: 80.2 Nsg#/WBC

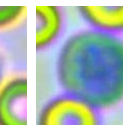
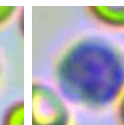
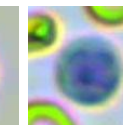
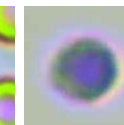
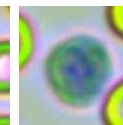
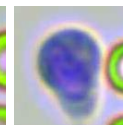
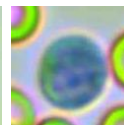
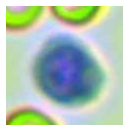
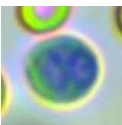
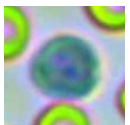
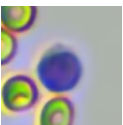


Hypersegmented neutrophils

Count:

Concentration:

Percentage:

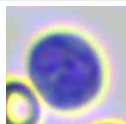
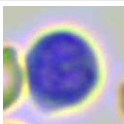
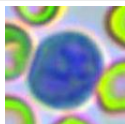
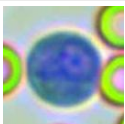
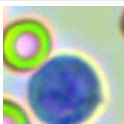
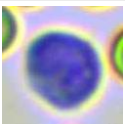
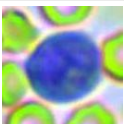
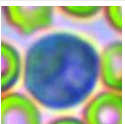
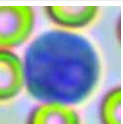
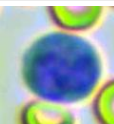


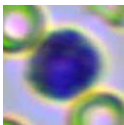
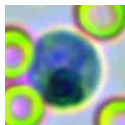
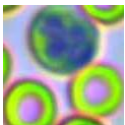
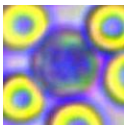
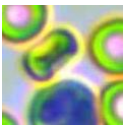
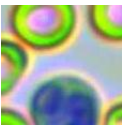
Lymphocytes

Count: 152.0

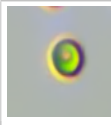
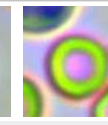
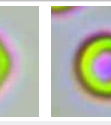
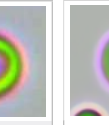
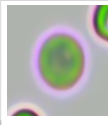
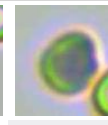
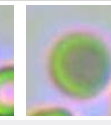
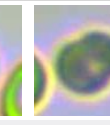
Concentration: $2.99 \times 10^9/L$

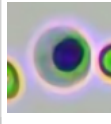
Percentage: 10.9 Lym#/WBC

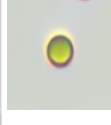
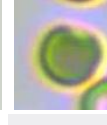
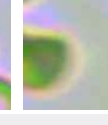
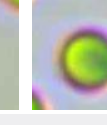
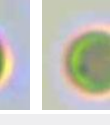
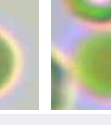
										
Monocytes	Count: 109.0		Concentration: 2.08 x 10^9/L				Percentage: 7.6 Mon#/WBC			

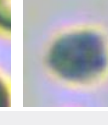
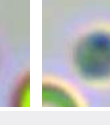
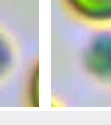
										
Eosinophils	Count: 18.0		Concentration: 0.36 x 10^9/L				Percentage: 1.3 Eos#/WBC			

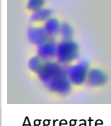
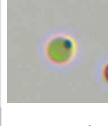
										
Basophils	Count:		Concentration:				Percentage:			

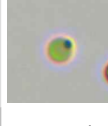
										
Normocyte	Count: 93134.0	Concentration: 5.52 x 10^12/L		Percentage: 100.0 Normocyte#/RBC			Reticulocytes	Count: 9.0	Concentration: 4.11 x 10^9/L	Percentage: 0.07 RET#/RBC

												
Nucleated red blood cell	Count:	Concentration:		Percentage:				Count:			Concentration:	Percentage:

										
Spherocytes	Count: 13.0	Concentration: 0.21 x 10^9/L		Percentage: 0.00 SPH#/RBC			Agglutinated erythrocytes	Count:	Concentration:	Percentage:

										
Normal platelets	Count: 2286.0	Concentration: 107 x 10^9/L		Percentage: 50.5 NPLT#/PLT			Large platelet	Count:	Concentration:	Percentage:

												
Aggregate platelets	Count:	Concentration:		Percentage:				Count:			Concentration:	Percentage:

										
Heinz Bodies	Count:	Concentration:		Percentage:						

Clinical Significance

Neu#	Elevated levels: It is suggested that various acute infections, inflammations, stress reactions, some hematological diseases, toxic diseases, etc.
Nsg#	Elevated levels: It is suggested that various acute infections, inflammations, stress reactions, some hematological diseases, toxic diseases, etc.
Mon#	Elevated levels: It is suggested that chronic infectious diseases, some bacterial and viral infections, diseases with granulomatous reaction, protozoal diseases, convalescence of diseases, use of adrenocorticotrophic hormone and glucocorticoid drugs, etc. Decreased levels: It is common in sample agglutination, such as physiological agglutination in cats, poor anticoagulation after sampling and long-term storage; Accelerated platelet clearance due to various causes, such as primary immune-mediated thrombocytopenia and secondary immune-mediated thrombocytopenia due to autoimmune diseases, tumors, infectious diseases, canine distemper attenuated vaccination, protozoal infection, dirofilariasis, histoplasmosis, and immune complex vasculitis;It is occasionally seen in abnormal platelet production caused by drugs, infections, vaccines, and defective platelet production.
PLT	
PDW-CV	Elevated levels: It suggests that the platelet size is not uniform.

Veterinary Technician: not specified



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This report is solely for the received sample and serves as a diagnostic reference for veterinarians.