

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Polene
Gender: Female
Sample ID: 260820001

Owner Name:
Age: 1Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 20/08/2026 11:06:12

Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1 White blood cell count(WBC)	15.11	10 ⁹ /L	6.00-17.00			
1-2 Neutrophils(Neu#)	10.42	10 ⁹ /L	3.62-12.30			
1-3 Neutrophil stab granulocytes(Nst#)	0.04	10 ⁹ /L	0.00-1.00			
1-4 Neutrophil segmented granulocytes(Nsg#)	10.38	10 ⁹ /L	2.30-11.50			
1-5 Hypersegmented neutrophils(Nsh#)	0.00	10 ⁹ /L	0.00-3.50			
1-6 Lymphocytes(Lym#)	3.14	10 ⁹ /L	0.83-4.91			
1-7 Monocytes(Mon#)	0.83	10 ⁹ /L	0.14-1.97			
1-8 Eosinophils(Eos#)	0.66	10 ⁹ /L	0.04-1.62			
1-9 Basophils(Bas#)	0.05	10 ⁹ /L	0.00-0.12			
1-10 %Neutrophils(Neu%)	69.0	%	50.0-81.0			
1-11 %Neutrophil stab granulocyte in WBC(Nst/WBC%)	0.2	%	0.0-10.0			
1-12 %Neutrophil segmented granulocyte(Nsg%)	68.8	%	48.0-70.0			
1-13 %Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0	%	0.0-15.5			
1-14 %Lymphocytes(Lym%)	20.8	%	12.0-33.0			
1-15 %Monocytes(Mon%)	5.5	%	2.0-13.0			
1-16 %Eosinophils(Eos%)	4.4	%	0.5-10.0			
1-17 %Basophils(Bas%)	0.3	%	0.0-1.3			
1-18 %Neutrophil stab granulocyte in Neu(Nst/Neu%)	0.4	%	0.0-22.0			
1-19 %Hypersegmented neutrophils in Neu(Nsh/Neu%)	0.0	%	0.0-20.0			
2.RBC						
2-1 Red blood cell count(RBC)	6.49	10 ¹² /L	5.10-8.50			
2-2 Hemoglobin concentration(HGB)	155	g/L	110-190			
2-3 Hematocrit(HCT)	44.1	%	35.0-58.0			
2-4 Mean corpuscular volume(MCV)	67.9	fL	55.0-83.0			
2-5 Mean corpuscular hemoglobin(MCH)	23.8	pg	18.0-31.0			
2-6 Mean corpuscular hemoglobin concentration(MCHC)	351	g/L	260-430			
2-7 Red blood cell distribution width-Coefficient of Variation(RDW-CV)	16.1	%	11.2-21.3			
2-8 Red blood cell distribution width-Standard Deviation(RDW-SD)	40.9	fL	31.2-51.7			
2-9 Reticulocytes(RET#)	16.20	10 ⁹ /L	3.00-45.00			
2-10 %Reticulocytes(RET%)	0.25	%	0.00-1.00			
2-11 Mean reticulocyte volume(MCVr)	43.9	fL	30.0-120.0			
2-12 Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	49.1	%	20.0-80.0			
2-13 Nucleated 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			
2-15 Erythrocyte ghost(ETG#)	0.00	10 ¹² /L	0.00-0.10			
2-16 %Erythrocyte ghost(ETG%)	0.05	%	0.00-3.00			
2-17 Spherocytes(SPH#)	8.94	10 ⁹ /L	0.00-150.00			
2-18 %Spherocytes(SPH%)	0.14	%	0.00-2.00			
2-19 Agglutinated erythrocytes(AGG#)	0.17	10 ⁹ /L	0.00-0.50			
2-20 Heinz Bodies(HBRBC#)	0.00	10 ⁹ /L	0.00-0.00			
3.PLT						
3-1 Platelet(PLT)	62	↓ 10 ⁹ /L	117-490			
3-2 Mean platelet volume(MPV)	10.2	fL	8.4-14.1			

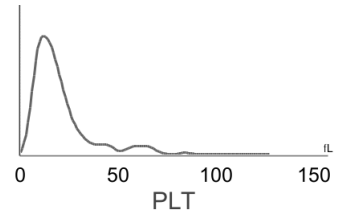
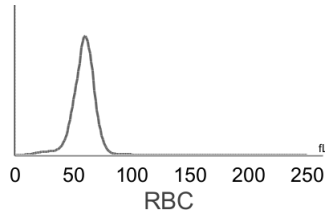
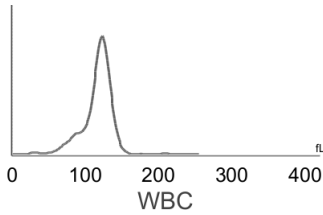


Hospital Tel: +639171533903

Hospital Add: McArthur Highway, San Miguel, Calasiao, Pangasinan



3-3Plateletcrit(PCT)	0.066	↓	%	0.090-0.580	
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	41.1		%	30.0-80.0	
3-5Platelet distribution width-Standard Deviation(PDW-SD)	11.3		fL	5.0-20.0	
3-6Large platelet(LPLT#)	14		10^9/L	0-285	
3-7%Large platelet(P-LCR)	23.1		%	9.0-50.0	



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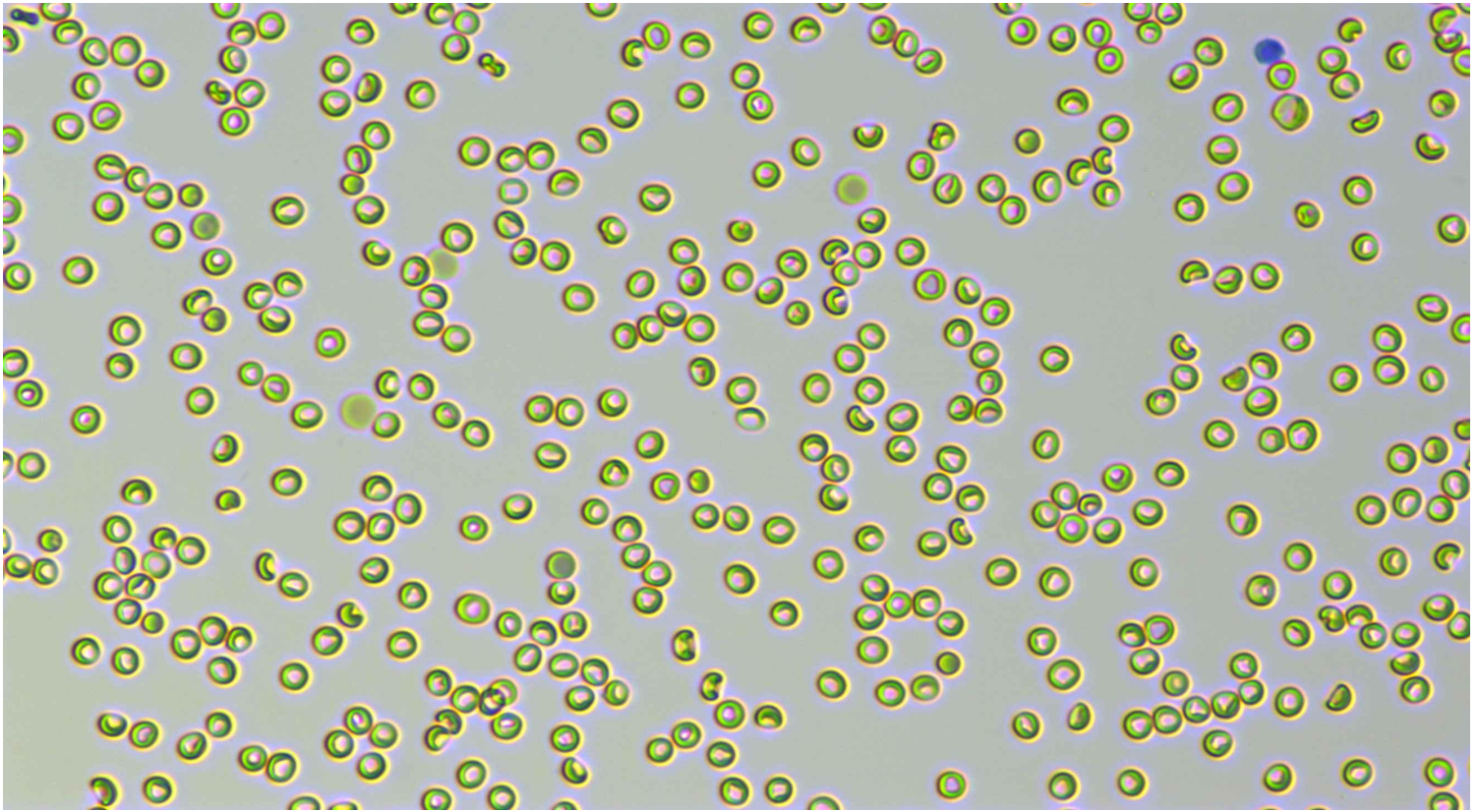
Blood Morphology Analysis Report

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Gender: Female
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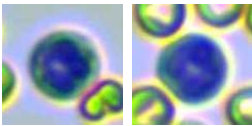
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Distribution Chart



Neutrophil stab granulocytes



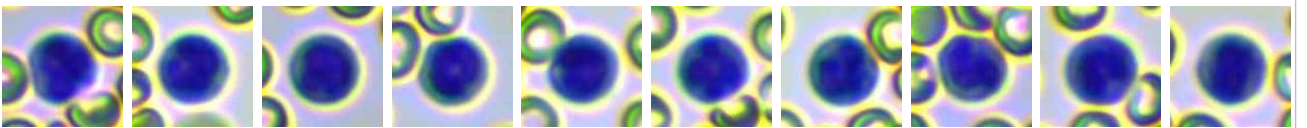
Count: 2.0

Concentration: $0.04 \times 10^9/L$

Percentage: 0.2 Nst#/WBC



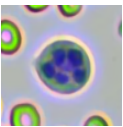
Neutrophil segmented granulocytes



Count: 568.0

Concentration: $10.38 \times 10^9/L$

Percentage: 68.8 Nsg#/WBC

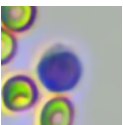


Hypersegmented neutrophils

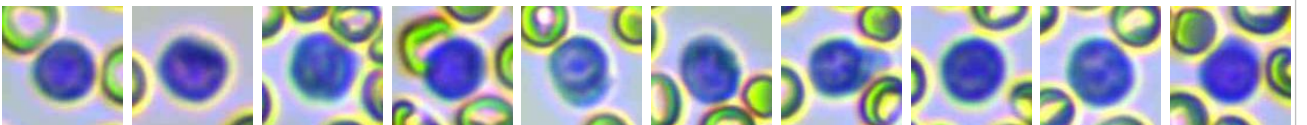
Count:

Concentration:

Percentage:



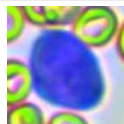
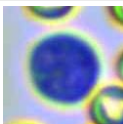
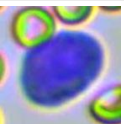
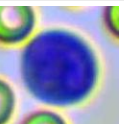
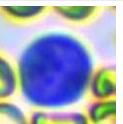
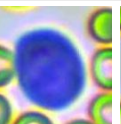
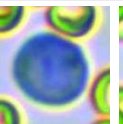
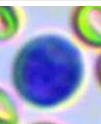
Lymphocytes

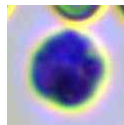
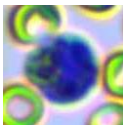
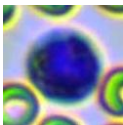
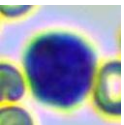
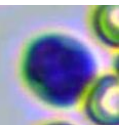
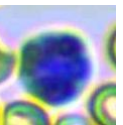
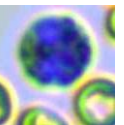
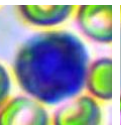
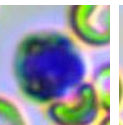
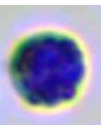


Count: 176.0

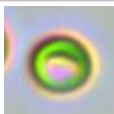
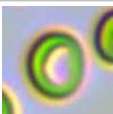
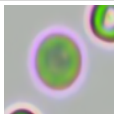
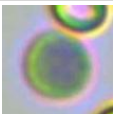
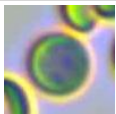
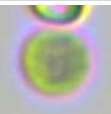
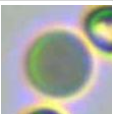
Concentration: $3.14 \times 10^9/L$

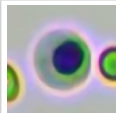
Percentage: 20.8 Lym#/WBC

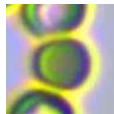
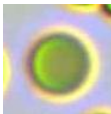
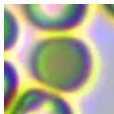
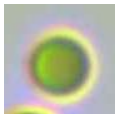
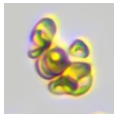
										
Monocytes	Count: 48.0		Concentration: 0.83 x 10^9/L				Percentage: 5.5 Mon#/WBC			

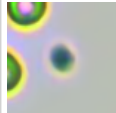
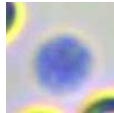
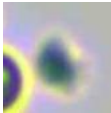
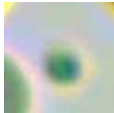
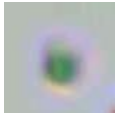
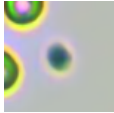
										
Eosinophils	Count: 36.0		Concentration: 0.66 x 10^9/L				Percentage: 4.4 Eos#/WBC			

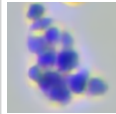
										
Basophils	Count:		Concentration:				Percentage:			

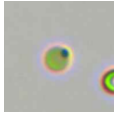
										
Normocyte	Count: 114137.0	Concentration: 6.49 x 10^12/L		Percentage: 99.7 Normocyte#/RBC			Reticulocytes	Count: 132.0	Concentration: 16.20 x 10^9/L	Percentage: 0.25 RET#/RBC

										
Nucleated red blood cell	Count:	Concentration:		Percentage:						

										
Spherocytes	Count: 544.0	Concentration: 8.94 x 10^9/L		Percentage: 0.14 SPH#/RBC			Agglutinated erythrocytes	Count: 2.0	Concentration: 0.17 x 10^9/L	Percentage:

										
Normal platelets	Count: 280.0	Concentration: 62 x 10^9/L		Percentage: 76.9 NPLT#/PLT			Large platelet	Count:	Concentration:	Percentage:

										
Aggregate platelets	Count:	Concentration:		Percentage:						

										
Heinz Bodies	Count:	Concentration:		Percentage:						

Clinical Significance

PLT	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.
PCT	Decreased levels: Indicating thrombocytopenia.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Marian Grace Wanagen

Date Reported: 20/08/2026

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