

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Hershey
Gender: Male
Sample ID: 260824001

Owner Name: Janesa Reyna
Age: 9Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 24/08/2026 13:45:50

Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1White blood cell count(WBC)	16.99	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	11.70	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.04	10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	11.66	↑ 10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00	10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	3.74	10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	0.75	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.80	10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.00	10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	68.9	%	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%)	68.7	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0	%	0.0-15.5			
1-14%Lymphocytes(Lym%)	22.0	%	12.0-33.0			
1-15%Monocytes(Mon%)	4.4	%	2.0-13.0			
1-16%Eosinophils(Eos%)	4.7	%	0.5-10.0			
1-17%Basophils(Bas%)	0.0	%	0.0-1.3			
1-18%Neutrophil stab granulocyte in Neu(Nst/Neu%)	0.3	%	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)	6.48	10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	176	g/L	110-190			
2-3Hematocrit(HCT)	51.4	%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	79.3	fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	27.1	pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	342	g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	13.3	%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	40.1	fL	31.2-51.7			
2-9Reticulocytes(RET#)	6.63	10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.10	%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	42.1	fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	44.8	%	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%)	0.02	%	0.00-3.00			
2-17Spherocytes(SPH#)	2.13	10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.03	%	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)	63	↓ 10 ⁹ /L	117-490			
3-2Mean platelet volume(MPV)	10.7	fL	8.4-14.1			

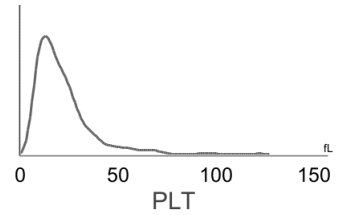
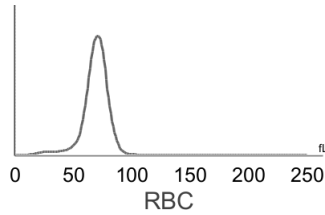
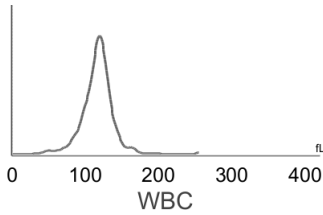


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3-3Plateletcrit(PCT)	0.067	↓	%	0.090-0.580	
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	42.4		%	30.0-80.0	
3-5Platelet distribution width-Standard Deviation(PDW-SD)	10.1		fL	5.0-20.0	
3-6Large platelet(LPLT#)	14		10^9/L	0-285	
3-7%Large platelet(P-LCR)	22.2		%	9.0-50.0	



Pet Doctors Veterinary Supplies and Services

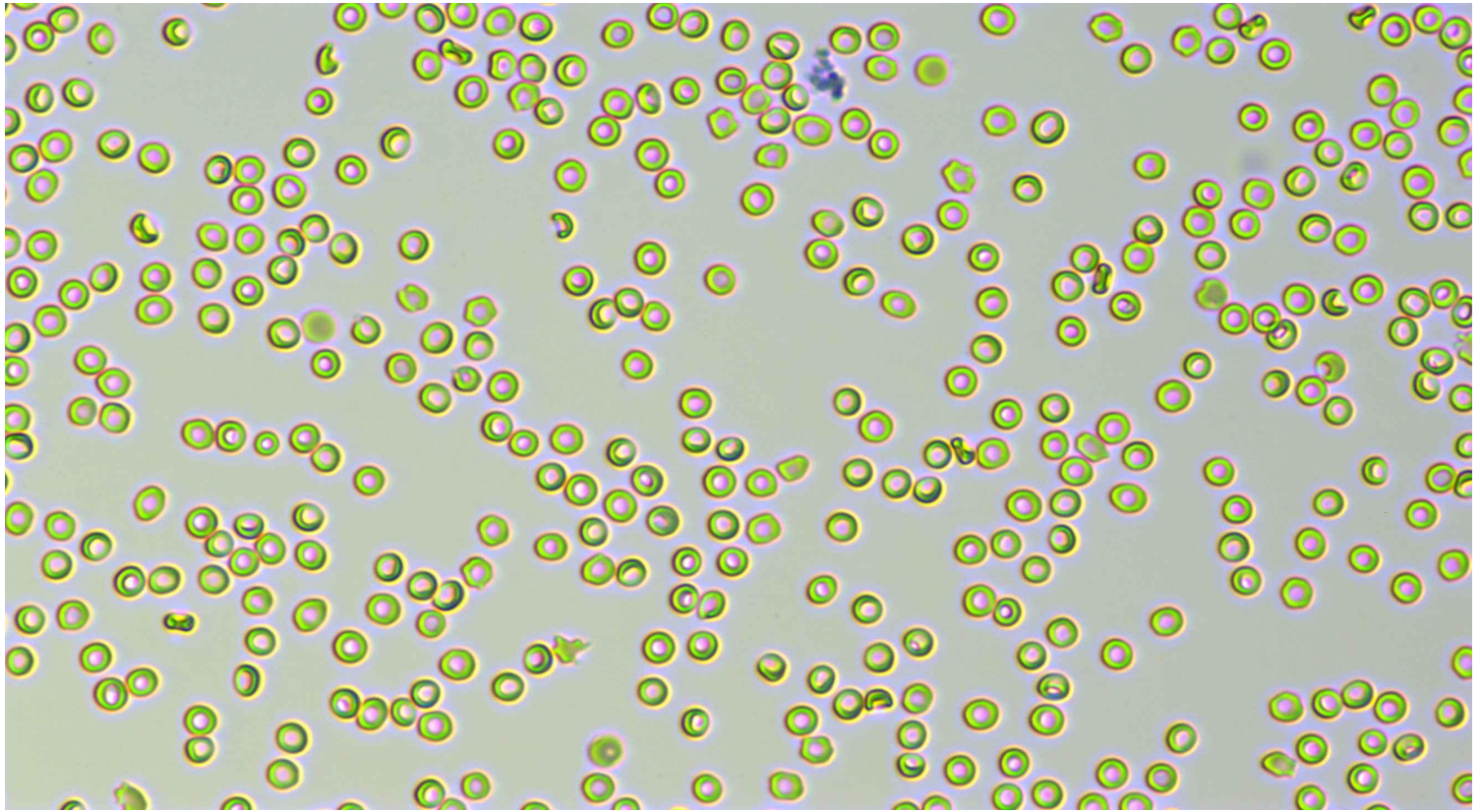
Blood Morphology Analysis Report

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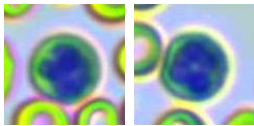
Owner Name: Janesa Reyna
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Distribution Chart



Neutrophil stab granulocytes



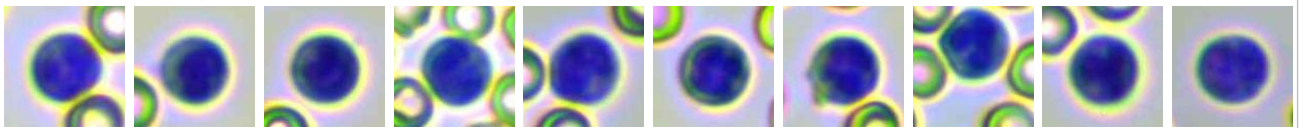
Count: 2.0

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

Percentage: 0.2 Nst#/WBC



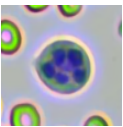
Neutrophil segmented granulocytes



Count: 610.0

Concentration: $11.66 \times 10^9/L$

Percentage: 68.7 Nsg#/WBC

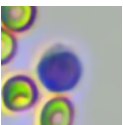


Hypersegmented neutrophils

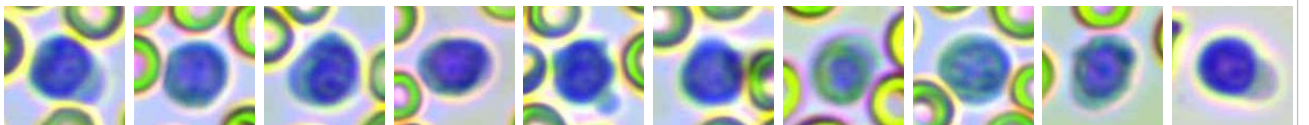
Count:

Concentration:

Percentage:



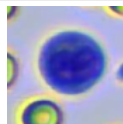
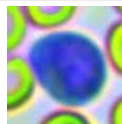
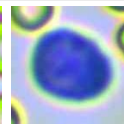
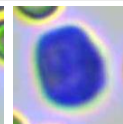
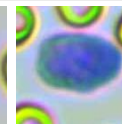
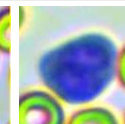
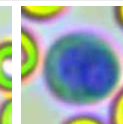
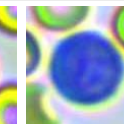
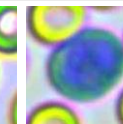
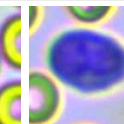
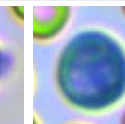
Lymphocytes

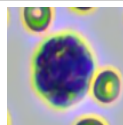
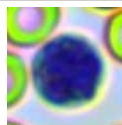
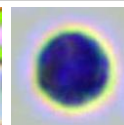
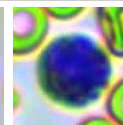
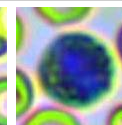
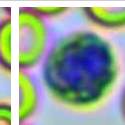
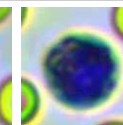
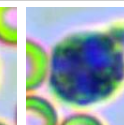
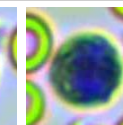
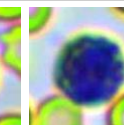
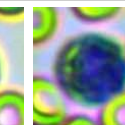


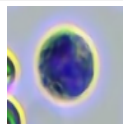
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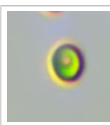
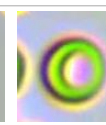
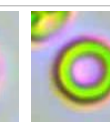
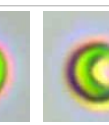
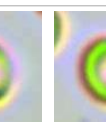
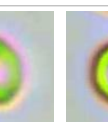
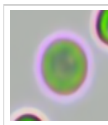
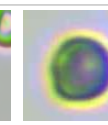
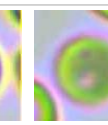
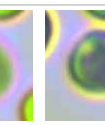
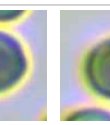
Concentration: $3.74 \times 10^9/L$

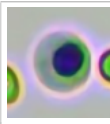
Percentage: 22.0 Lym#/WBC

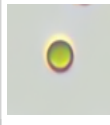
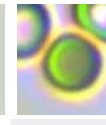
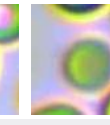
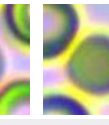
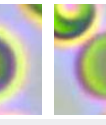
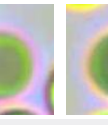
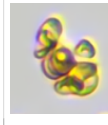
										
Monocytes	Count: 41.0		Concentration: 0.75 x 10^9/L				Percentage: 4.4 Mon#/WBC			

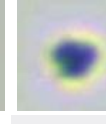
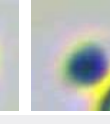
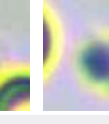
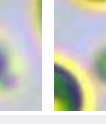
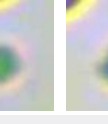
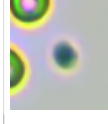
										
Eosinophils	Count: 41.0		Concentration: 0.80 x 10^9/L				Percentage: 4.7 Eos#/WBC			

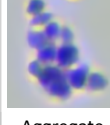
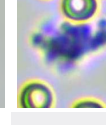
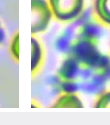
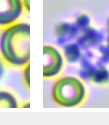
										
Basophils	Count:		Concentration:				Percentage:			

										
Normocyte	Count: 109080.0	Concentration: 6.48 x 10^12/L		Percentage: 99.9 Normocyte#/RBC		Reticulocytes	Count: 31.0	Concentration: 6.63 x 10^9/L		Percentage: 0.10 RET#/RBC

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

										
Spherocytes	Count: 123.0	Concentration: 2.13 x 10^9/L		Percentage: 0.03 SPH#/RBC		Agglutinated erythrocytes	Count:	Concentration:		Percentage:

										
Normal platelets	Count: 668.0	Concentration: 63 x 10^9/L		Percentage: 77.8 NPLT#/PLT		Large platelet	Count:	Concentration:		Percentage:

										
Aggregate platelets	Count: 3.0	Concentration: 0.45 x 10^9/L		Percentage:		Heinz Bodies	Count:	Concentration:		Percentage:

Clinical Significance

Nsg#	Elevated levels: It is suggested that various acute infections, inflammations, stress reactions, some hematological diseases, toxic diseases, etc.
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. Cassandra R. Oyan

Date Reported: 24/08/2026

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



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

