

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Mint
Gender: Male
Sample ID: 260717003

Owner Name: Frenzyllle Castillo
Age: 4M
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 17/07/2026 18:03:50

Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1White blood cell count(WBC)	7.24	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	4.22	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#)	4.22	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00	10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	2.37	10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	0.56	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.08	10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.01	10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	58.4	%	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%)	58.4	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0	%	0.0-15.5			
1-14%Lymphocytes(Lym%)	32.7	%	12.0-33.0			
1-15%Monocytes(Mon%)	7.7	%	2.0-13.0			
1-16%Eosinophils(Eos%)	1.1	%	0.5-10.0			
1-17%Basophils(Bas%)	0.1	%	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)	5.39	10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	151	g/L	110-190			
2-3Hematocrit(HCT)	44.2	%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	82.0	fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	28.0	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)	17.8	%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	55.5	↑ fL	31.2-51.7			
2-9Reticulocytes(RET#)	12.68	10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.24	%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	48.5	fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	44.4	%	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%)	0.03	%	0.00-3.00			
2-17Spherocytes(SPH#)	1.68	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)	532	↑ 10 ⁹ /L	117-490			
3-2Mean platelet volume(MPV)	13.1	fL	8.4-14.1			

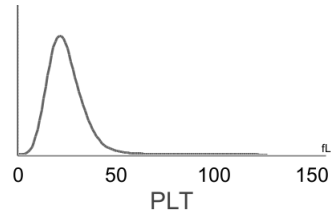
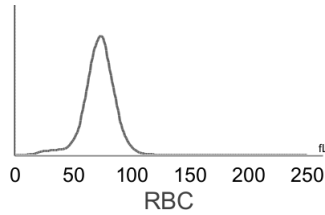
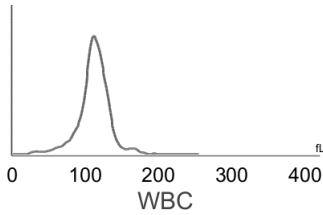


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Hospital Add: McArthur Highway, San Miguel, Calasiao, Pangasinan



3-3Plateletcrit(PCT)	0.697	↑	%	0.090-0.580	
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	69.4		%	30.0-80.0	
3-5Platelet distribution width-Standard Deviation(PDW-SD)	16.1		fL	5.0-20.0	
3-6Large platelet(LPLT#)	280		10^9/L	0-285	
3-7%Large platelet(P-LCR)	52.6	↑	%	9.0-50.0	



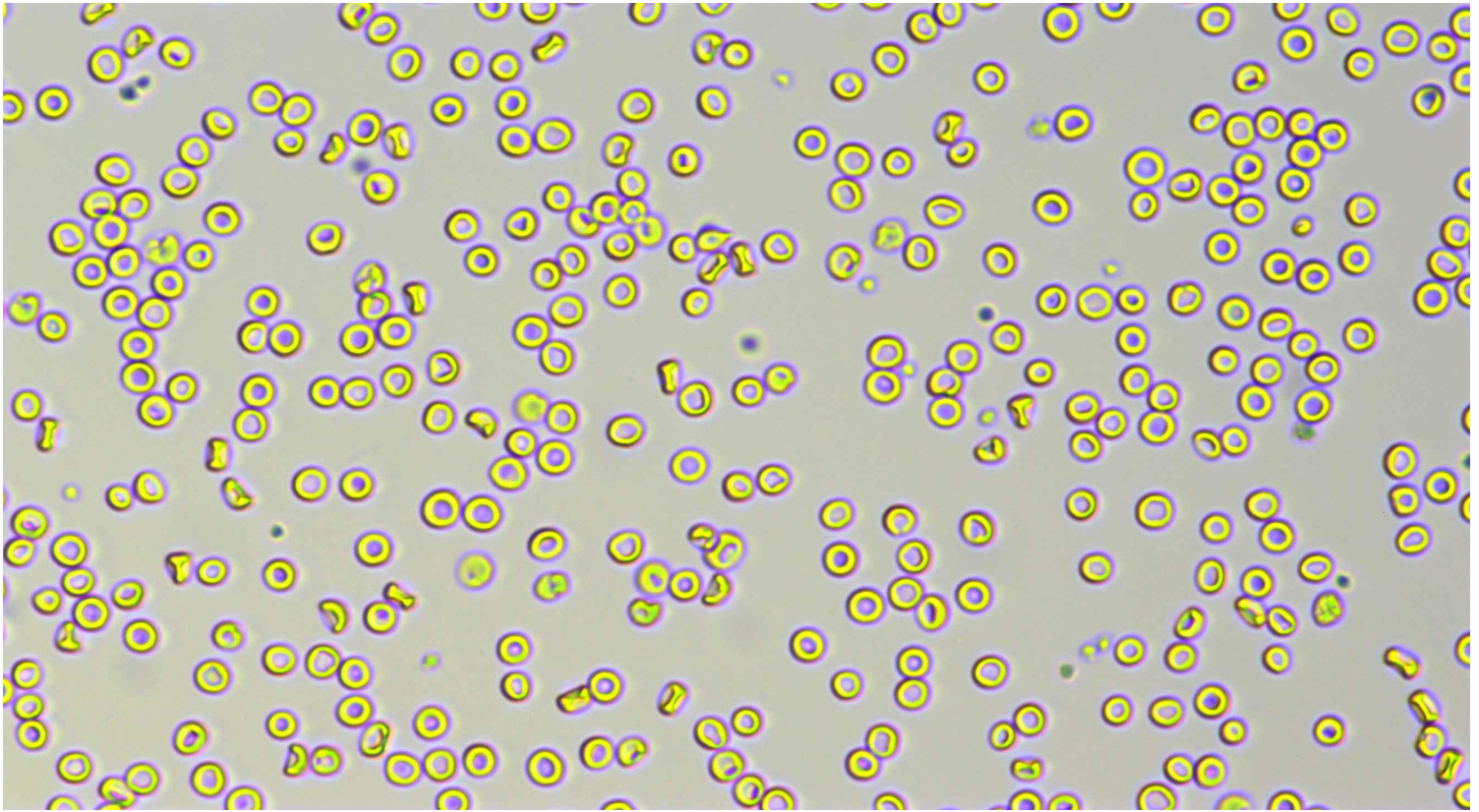
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Distribution Chart



Neutrophil stab granulocytes

Count:

Concentration:

Percentage:



Neutrophil segmented granulocytes

Count: 226.0

Concentration: $4.22 \times 10^9/L$

Percentage: 58.4 Nsg#/WBC

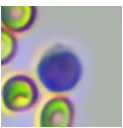


Hypersegmented neutrophils

Count:

Concentration:

Percentage:

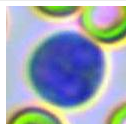
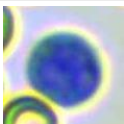
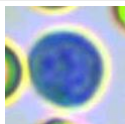
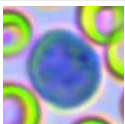
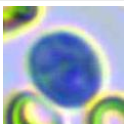
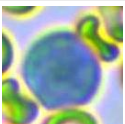
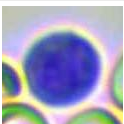
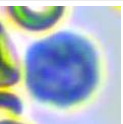
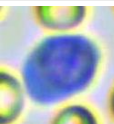


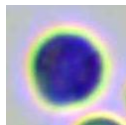
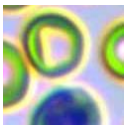
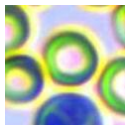
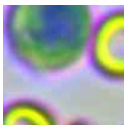
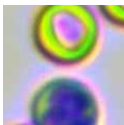
Lymphocytes

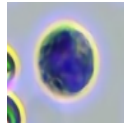
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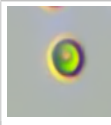
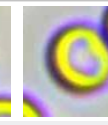
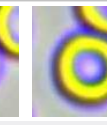
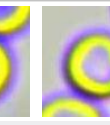
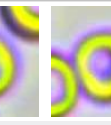
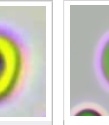
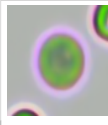
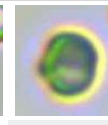
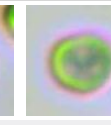
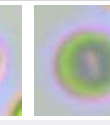
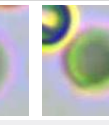
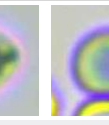
Concentration: $2.37 \times 10^9/L$

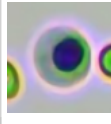
Percentage: 32.7 Lym#/WBC

										
Monocytes	Count: 30.0	Concentration: 0.56 x 10^9/L					Percentage: 7.7 Mon#/WBC			

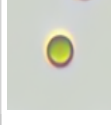
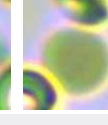
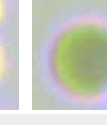
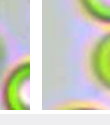
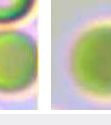
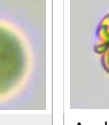
										
Eosinophils	Count: 5.0	Concentration: 0.08 x 10^9/L					Percentage: 1.1 Eos#/WBC			

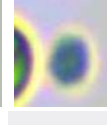
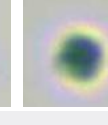
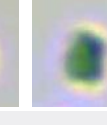
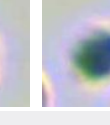
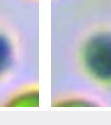
										
Basophils	Count:	Concentration:					Percentage:			

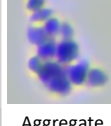
												
Normocyte	Count: 90108.0	Concentration: 5.39 x 10^12/L			Percentage: 99.8 Normocyte#/RBC		Reticulocytes	Count: 115.0	Concentration: 12.68 x 10^9/L		Percentage: 0.24 RET#/RBC	

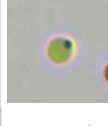
											
Nucleated red blood cell	Count:	Concentration:				Percentage:					

											
Erythrocyte ghost	Count:	Concentration:				Percentage:					

												
Spherocytes	Count: 95.0	Concentration: 1.68 x 10^9/L			Percentage: 0.03 SPH#/RBC		Agglutinated erythrocytes	Count:	Concentration:		Percentage:	

												
Normal platelets	Count: 10547.0	Concentration: 532 x 10^9/L			Percentage: 47.4 NPLT#/PLT		Large platelet	Count:	Concentration:		Percentage:	

											
Aggregate platelets	Count:	Concentration:				Percentage:					

											
Heinz Bodies	Count:	Concentration:				Percentage:					

Clinical Significance

RDW-SD	Elevated levels: It means that the size of red blood cells is not uniform, which can be used as a reference for the diagnosis of anemia.
PLT	Elevated levels: Most of them are physiological or secondary, rarely seen in primary. The former is commonly seen in tumors, gastrointestinal diseases such as pancreatitis, hepatitis, inflammatory bowel disease (IBD), colitis, immune-mediated diseases, blood loss/bleeding from various causes, fractures, use of glucocorticoids or antineoplastic drugs, dogs after splenectomy, exercise or injection of epinephrine, etc.; the latter is rarely seen in myeloproliferative diseases.
PCT	Elevated levels: Indicating an increase in platelets or large platelets.
P-LCR	Elevated levels: It is commonly seen in bone marrow reactive thrombocytopenia.

Veterinary Technician: not specified

Attending Veterinarian: Dr. John Paul Landingin

Date Reported: 17/07/2026

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