

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Natashaia
Gender: Female
Sample ID: 260721003

Owner Name: Jocelle Abejero
Age: 10Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 21/07/2026 18:29:54

Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1White blood cell count(WBC)	12.30	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	7.31	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#)	7.31	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00	10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	3.87	10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	0.59	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.52	10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.01	10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	59.4	%	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%)	59.4	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0	%	0.0-15.5			
1-14%Lymphocytes(Lym%)	31.5	%	12.0-33.0			
1-15%Monocytes(Mon%)	4.8	%	2.0-13.0			
1-16%Eosinophils(Eos%)	4.2	%	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)	5.87	10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	145	g/L	110-190			
2-3Hematocrit(HCT)	43.3	%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	73.8	fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	24.8	pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	335	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)	36.7	fL	31.2-51.7			
2-9Reticulocytes(RET#)	15.73	10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.27	%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	46.4	fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	45.8	%	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%)	0.06	%	0.00-3.00			
2-17Spherocytes(SPH#)	3.12	10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.05	%	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)	75	↓ 10 ⁹ /L	117-490			
3-2Mean platelet volume(MPV)	11.5	fL	8.4-14.1			

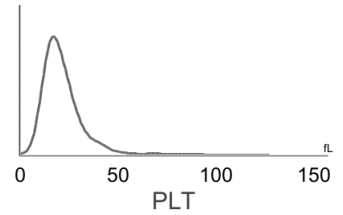
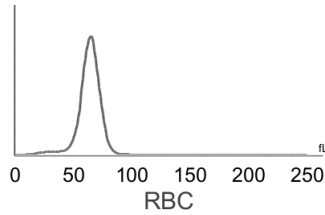
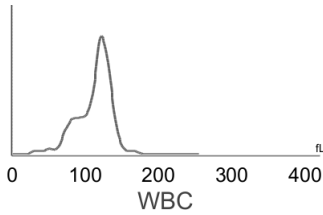


Hospital Tel: +639171533903

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



3-3Plateletcrit(PCT)	0.086	↓	%	0.090-0.580	
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	75.0		%	30.0-80.0	
3-5Platelet distribution width-Standard Deviation(PDW-SD)	14.5		fL	5.0-20.0	
3-6Large platelet(LPLT#)	26		10^9/L	0-285	
3-7%Large platelet(P-LCR)	35.0		%	9.0-50.0	



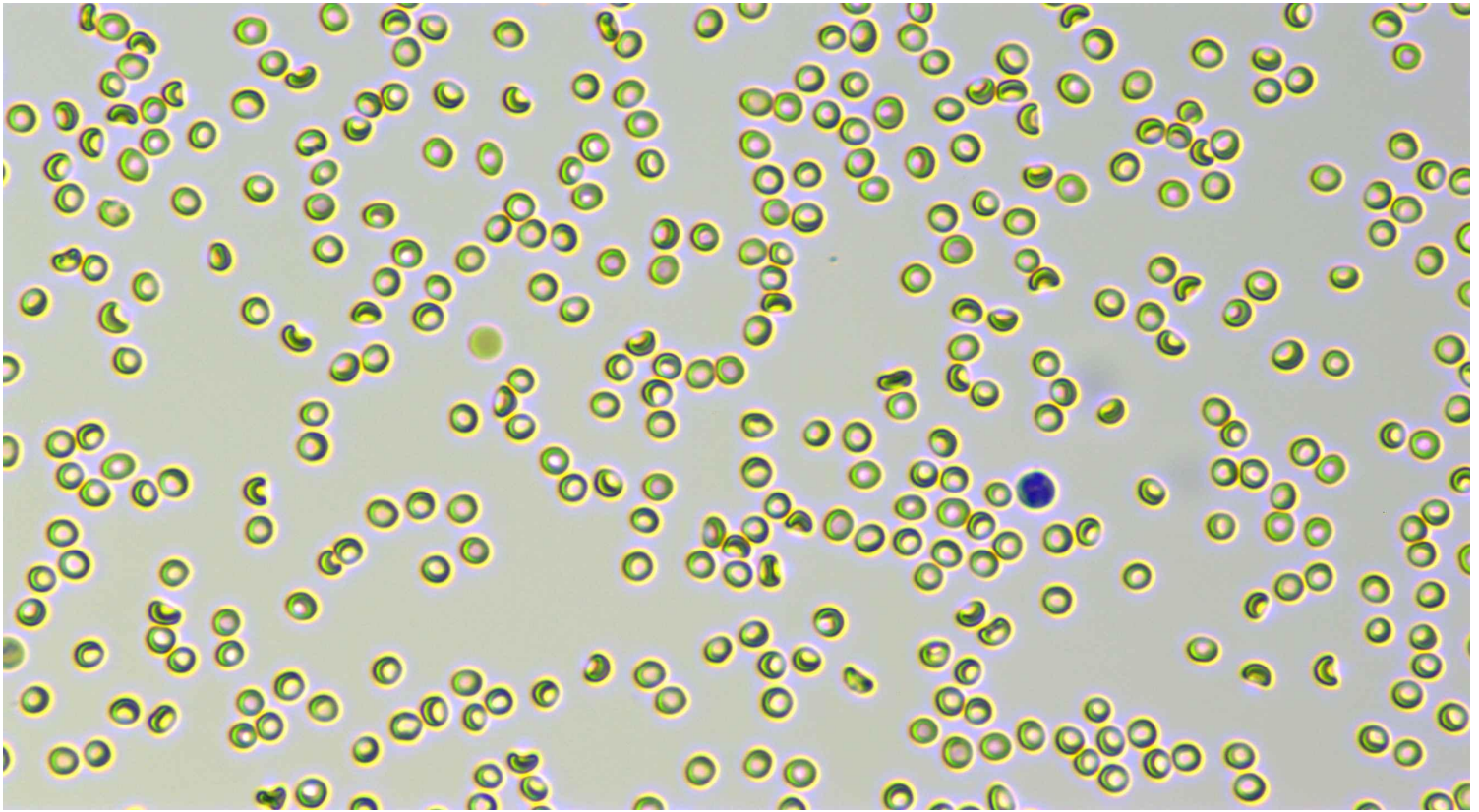
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Distribution Chart



Neutrophil stab granulocytes

Count:

Concentration:

Percentage:



Neutrophil segmented granulocytes

Count: 385.0

Concentration: $7.31 \times 10^9/L$

Percentage: 59.4 Nsg#/WBC



Hypersegmented neutrophils

Count:

Concentration:

Percentage:

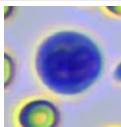
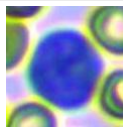
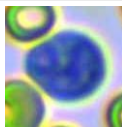
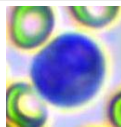
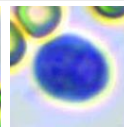
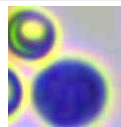
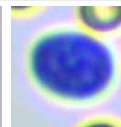
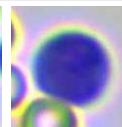
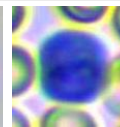
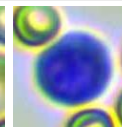
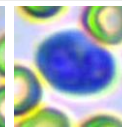


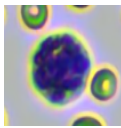
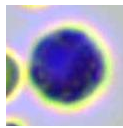
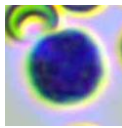
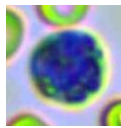
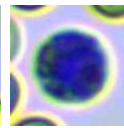
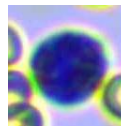
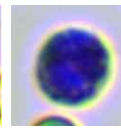
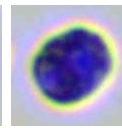
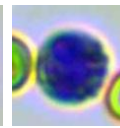
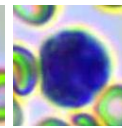
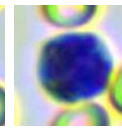
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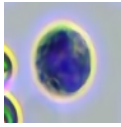
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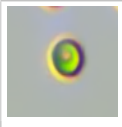
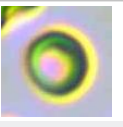
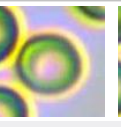
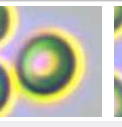
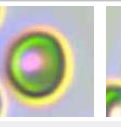
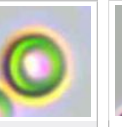
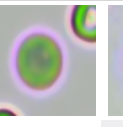
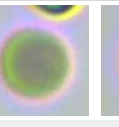
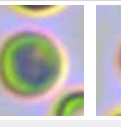
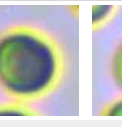
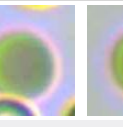
Concentration: $3.87 \times 10^9/L$

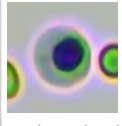
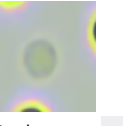
Percentage: 31.5 Lym#/WBC

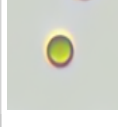
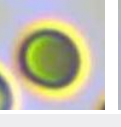
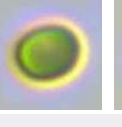
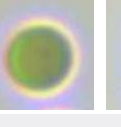
										
Monocytes	Count: 33.0		Concentration: 0.59 x 10^9/L				Percentage: 4.8 Mon#/WBC			

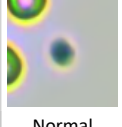
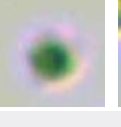
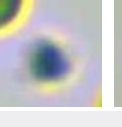
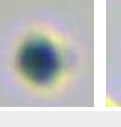
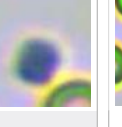
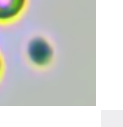
										
Eosinophils	Count: 28.0		Concentration: 0.52 x 10^9/L				Percentage: 4.2 Eos#/WBC			

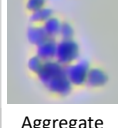
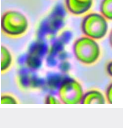
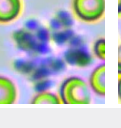
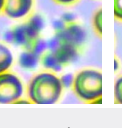
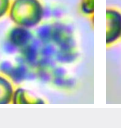
										
Basophils	Count:		Concentration:				Percentage:			

										
Normocyte	Count: 98654.0	Concentration: 5.87 x 10^12/L		Percentage: 99.8 Normocyte#/RBC			Reticulocytes	Count: 111.0	Concentration: 15.73 x 10^9/L	Percentage: 0.27 RET#/RBC

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

										
Spherocytes	Count: 167.0	Concentration: 3.12 x 10^9/L		Percentage: 0.05 SPH#/RBC			Agglutinated erythrocytes	Count:	Concentration:	Percentage:

										
Normal platelets	Count: 1596.0	Concentration: 75 x 10^9/L		Percentage: 65.0 NPLT#/PLT			Large platelet	Count:	Concentration:	Percentage:

										
Aggregate platelets	Count: 6.0	Concentration: 0.90 x 10^9/L		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. John Paul Landingin

Date Reported: 22/07/2026

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