

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Nacho
Gender: Male
Test Number: 260909003
Sample ID:

Owner Name: Coney Mejia
Age: 16Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 09/09/2026 18:03:46

Test	Result		Unit	Reference Range	Low	Normal	High
1.WBC							
1-1White blood cell count(WBC)	57.33	↑	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	51.77	↑	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#)	51.77	↑	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00		10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	1.32		10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	3.32	↑	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.86		10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.06		10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	90.3	↑	%	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%)	90.3	↑	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-15.5			
1-14%Lymphocytes(Lym%)	2.3	↓	%	12.0-33.0			
1-15%Monocytes(Mon%)	5.8		%	2.0-13.0			
1-16%Eosinophils(Eos%)	1.5		%	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)	5.96		10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	150		g/L	110-190			
2-3Hematocrit(HCT)	43.4		%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	72.8		fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	25.2		pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	346		g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	13.2		%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	35.5		fL	31.2-51.7			
2-9Reticulocytes(RET#)	8.55		10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.14		%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	47.6		fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	40.1		%	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#)	0.08		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)	83	↓	10 ⁹ /L	117-490			

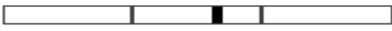
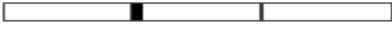
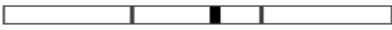
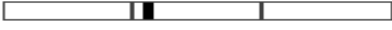
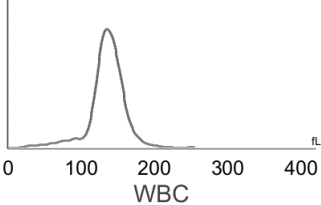
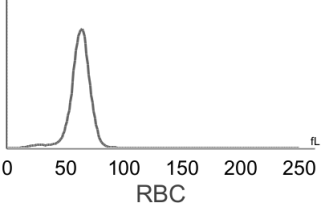
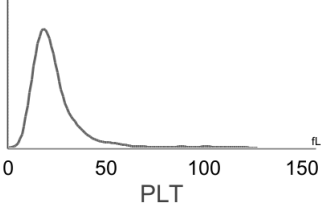


Hospital Tel: +639171533903

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

Hospital Email: pdvc.calasiao@gmail.com



3-2Mean platelet volume(MPV)	12.1	fL	8.4-14.1	
3-3Plateletcrit(PCT)	0.106	%	0.090-0.580	
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	71.6	%	30.0-80.0	
3-5Platelet distribution width-Standard Deviation(PDW-SD)	14.5	fL	5.0-20.0	
3-6Large platelet(LPLT#)	33	10 ⁹ /L	0-285	
3-7%Large platelet(P-LCR)	39.4	%	9.0-50.0	
3-8Aggregated Platelet Count(APLT#)	2.25	↑ 10 ⁹ /L	0.00-0.65	
  				

Pet Doctors Veterinary Supplies and Services

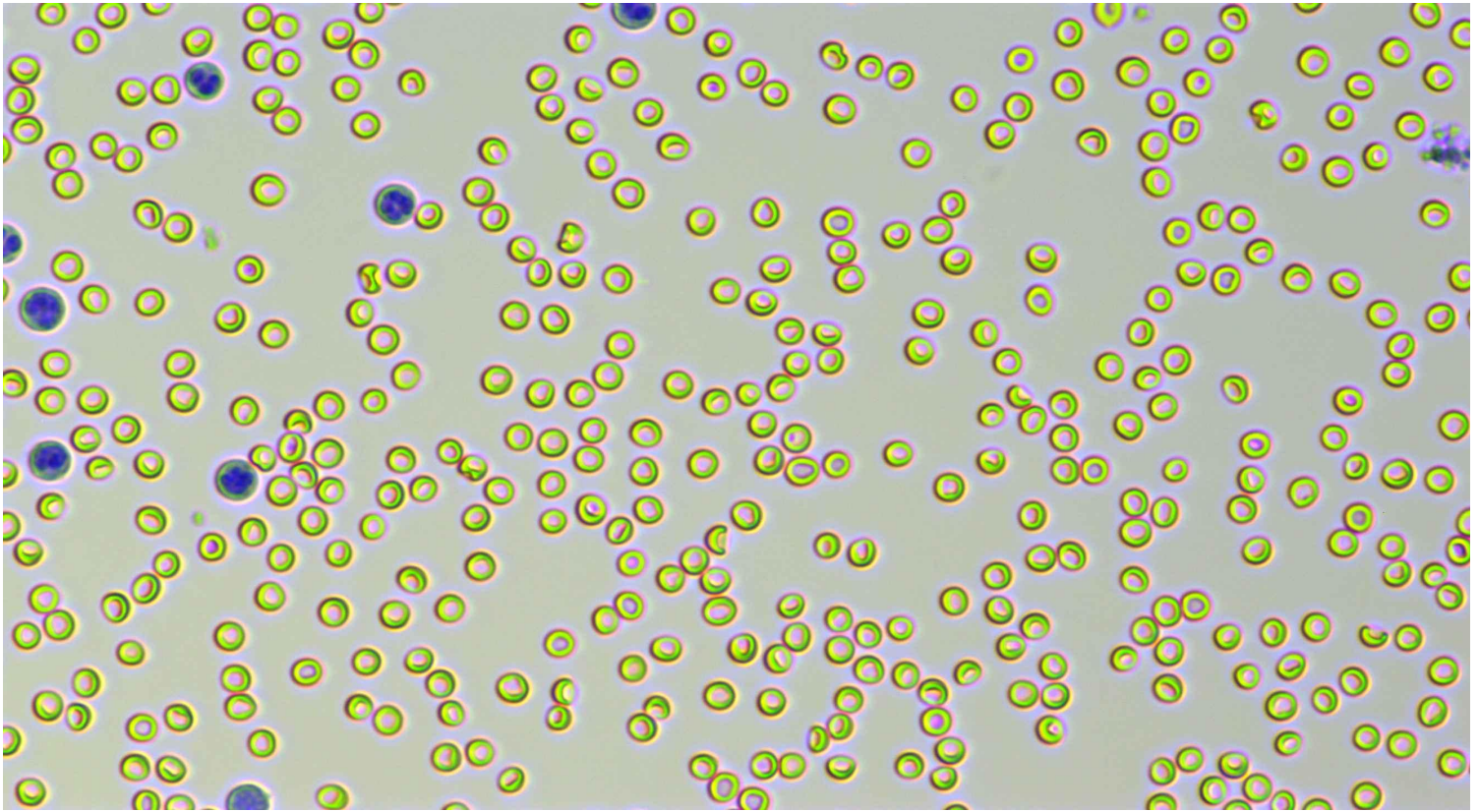
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Distribution Chart



Neutrophil stab granulocytes

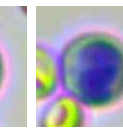
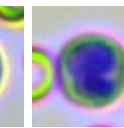
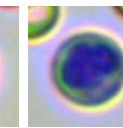
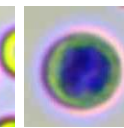
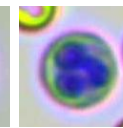
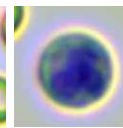
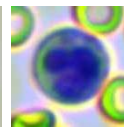
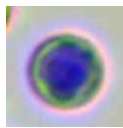
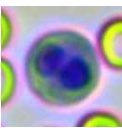
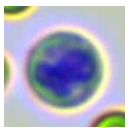
Count:

Concentration:

Percentage:



Neutrophil segmented granulocytes



Count: 2809.0

Concentration: $51.77 \times 10^9/L$

Percentage: 90.3 Nsg#/WBC

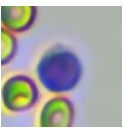


Hypersegmented neutrophils

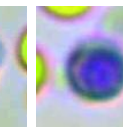
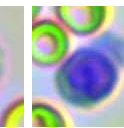
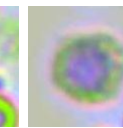
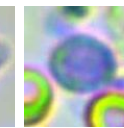
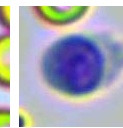
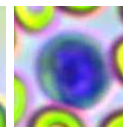
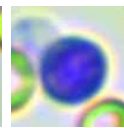
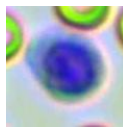
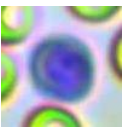
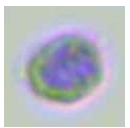
Count:

Concentration:

Percentage:



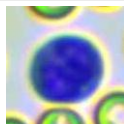
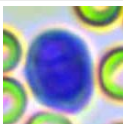
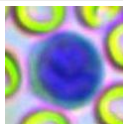
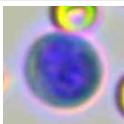
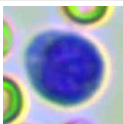
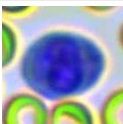
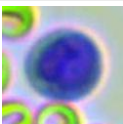
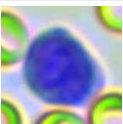
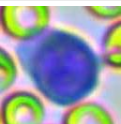
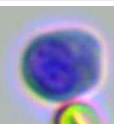
Lymphocytes

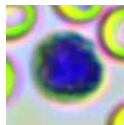
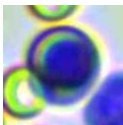
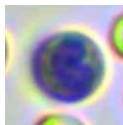
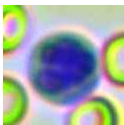
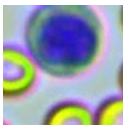
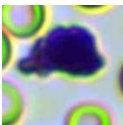
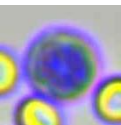
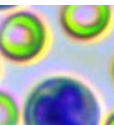


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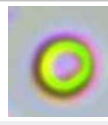
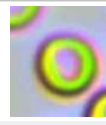
Concentration: $1.32 \times 10^9/L$

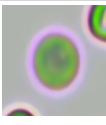
Percentage: 2.3 Lym#/WBC

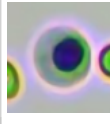
										
Monocytes	Count: 177.0		Concentration: 3.32 x 10^9/L				Percentage: 5.8 Mon#/WBC			

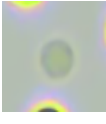
										
Eosinophils	Count: 49.0		Concentration: 0.86 x 10^9/L				Percentage: 1.5 Eos#/WBC			

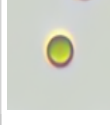
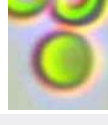
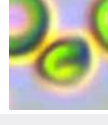
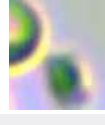
										
Basophils	Count:		Concentration:				Percentage:			

															
Normocyte	Count: 105471.0	Concentration: 5.96 x 10^12/L		Percentage: 100.0 Normocyte#/RBC											

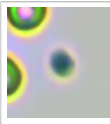
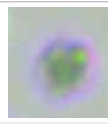
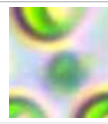
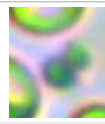
			
Reticulocytes	Count:	Concentration:	Percentage:

			
Nucleated red blood cell	Count:	Concentration:	Percentage:

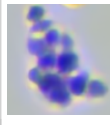
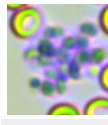
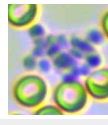
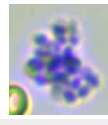
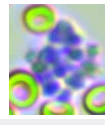
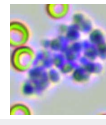
			
Erythrocyte ghost	Count:	Concentration:	Percentage:

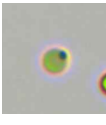
																
Spherocytes	Count: 4.0	Concentration: 0.08 x 10^9/L		Percentage: 0.00 SPH#/RBC												

			
Agglutinated erythrocytes	Count:	Concentration:	Percentage:

															
Normal platelets	Count: 1929.0	Concentration: 83 x 10^9/L		Percentage: 60.6 NPLT#/PLT											

			
Large platelet	Count:	Concentration:	Percentage:

															
Aggregate platelets	Count: 15.0	Concentration: 2.25 x 10^9/L		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	

APLT#

Elevated levels: It occurs secondary to platelet activation or a combination of both during the collection and processing of peripheral blood, such as physiological platelet aggregation (common in cats), poor anticoagulation, and prolonged storage; it increases in cases of coagulation, essential thrombocythemia, and leukemia.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Ingrid Abulencia

Date Reported: 09/09/2026

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



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