

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Geyo
Gender: Male
Sample ID: 260723001

Owner Name: Rodalyn Baro
Age: 1Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 23/07/2026 10:40:53

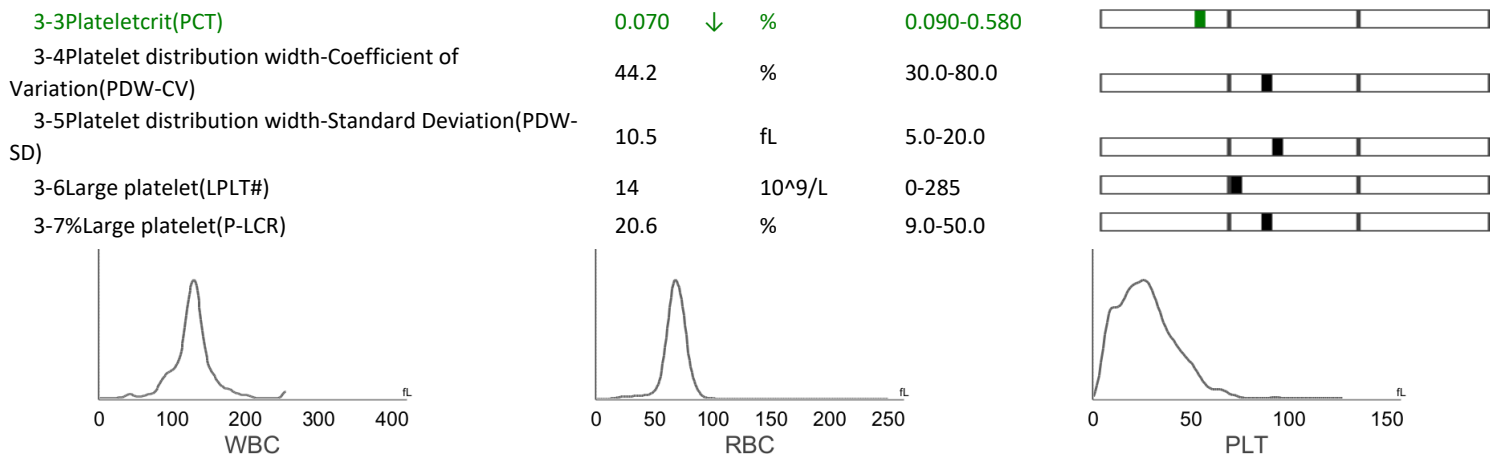
Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1White blood cell count(WBC)	11.05	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	6.46	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.00	10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	6.46	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00	10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	3.19	10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	1.33	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.06	10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.01	10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	58.5	%	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%)	58.5	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0	%	0.0-15.5			
1-14%Lymphocytes(Lym%)	28.9	%	12.0-33.0			
1-15%Monocytes(Mon%)	12.0	%	2.0-13.0			
1-16%Eosinophils(Eos%)	0.5	%	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)	4.07	↓ 10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	106	↓ g/L	110-190			
2-3Hematocrit(HCT)	32.6	↓ %	35.0-58.0			
2-4Mean corpuscular volume(MCV)	80.2	fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	26.2	pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	326	g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	13.1	%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	38.5	fL	31.2-51.7			
2-9Reticulocytes(RET#)	5.02	10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.12	%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	47.7	fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	40.2	%	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%)	0.05	%	0.00-3.00			
2-17Spherocytes(SPH#)	0.83	10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.02	%	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)	68	↓ 10 ⁹ /L	117-490			
3-2Mean platelet volume(MPV)	10.3	fL	8.4-14.1			



Hospital Tel: +639171533903

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





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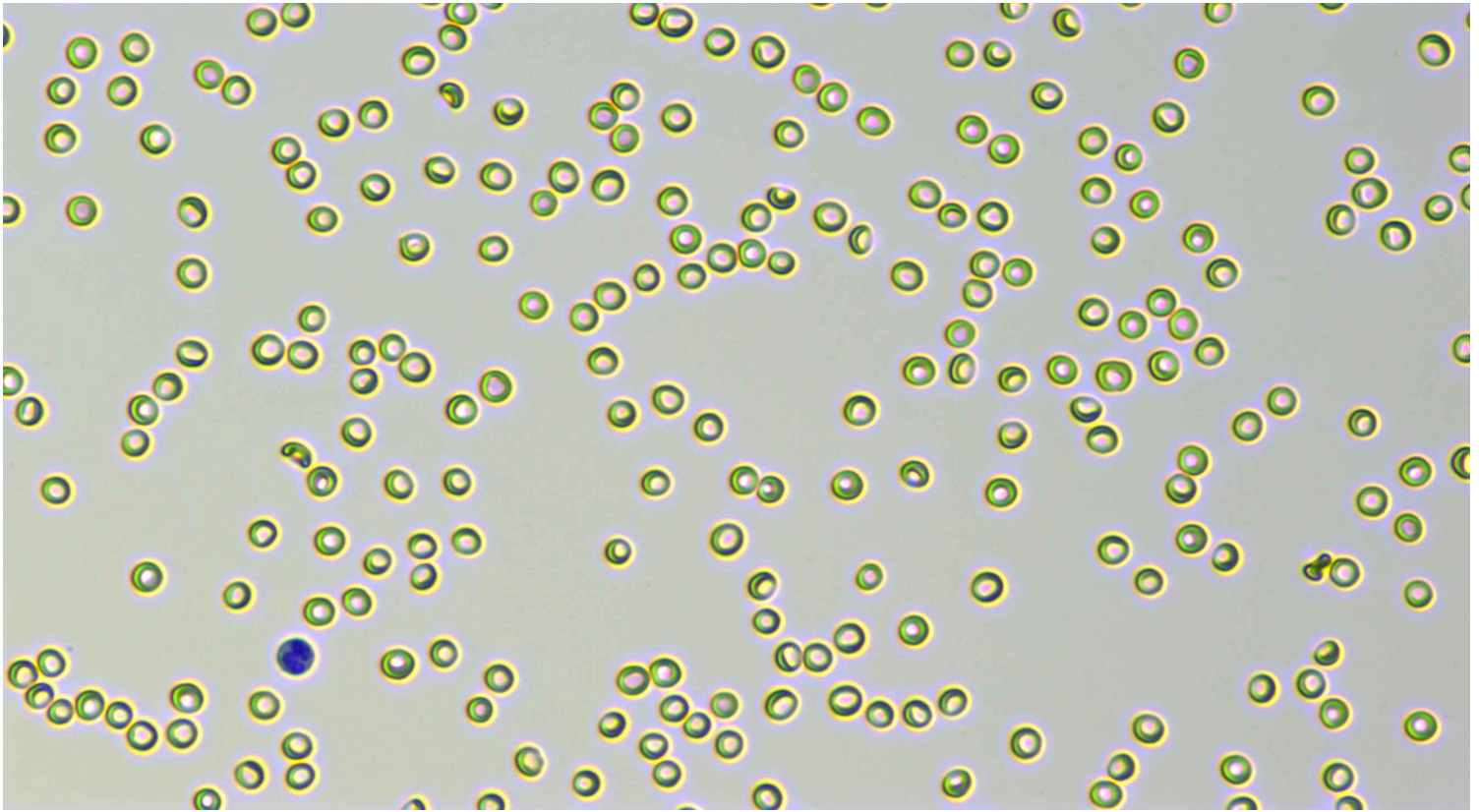
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Distribution Chart



Neutrophil stab granulocytes

Count:

Concentration:

Percentage:



Neutrophil segmented granulocytes

Count: 340.0

Concentration: $6.46 \times 10^9/L$

Percentage: 58.5 Nsg#/WBC



Hypersegmented neutrophils

Count:

Concentration:

Percentage:

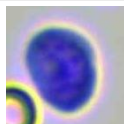
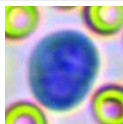
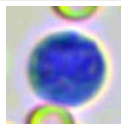
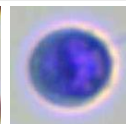
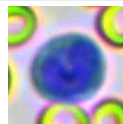
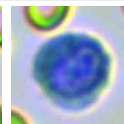
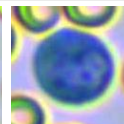
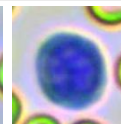
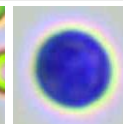
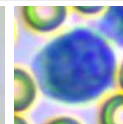


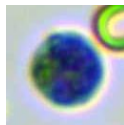
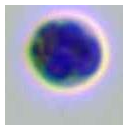
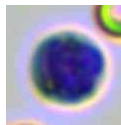
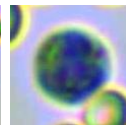
Lymphocytes

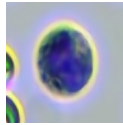
Count: 167.0

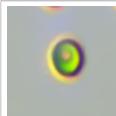
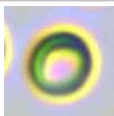
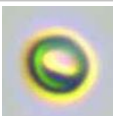
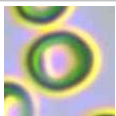
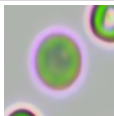
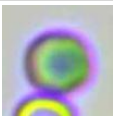
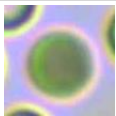
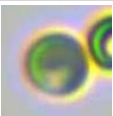
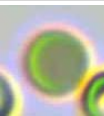
Concentration: $3.19 \times 10^9/L$

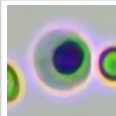
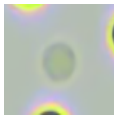
Percentage: 28.9 Lym#/WBC

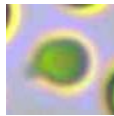
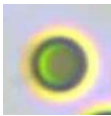
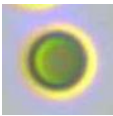
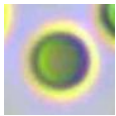
										
Monocytes	Count: 67.0		Concentration: 1.33 x 10^9/L				Percentage: 12.0 Mon#/WBC			

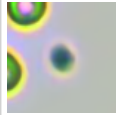
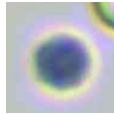
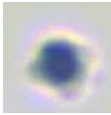
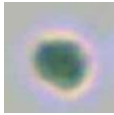
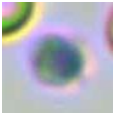
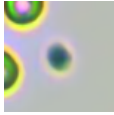
										
Eosinophils	Count: 4.0		Concentration: 0.06 x 10^9/L				Percentage: 0.5 Eos#/WBC			

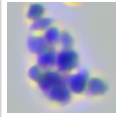
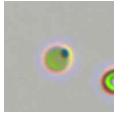
										
Basophils	Count:		Concentration:				Percentage:			

											
Normocyte	Count: 68329.0	Concentration: 4.07 x 10^12/L		Percentage: 99.9 Normocyte#/RBC		Reticulocytes	Count: 11.0	Concentration: 5.02 x 10^9/L		Percentage: 0.12 RET#/RBC	

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

											
Spherocytes	Count: 52.0	Concentration: 0.83 x 10^9/L		Percentage: 0.02 SPH#/RBC		Agglutinated erythrocytes	Count:	Concentration:		Percentage:	

											
Normal platelets	Count: 837.0	Concentration: 68 x 10^9/L		Percentage: 79.4 NPLT#/PLT		Large platelet	Count:	Concentration:		Percentage:	

											
Aggregate platelets	Count:	Concentration:		Percentage:							
	Count:	Concentration:		Percentage:		Heinz Bodies	Count:	Concentration:		Percentage:	

Clinical Significance

RBC	Decreased levels: Common of all kinds is urgent, chronic and haemorrhagic anaemia, if ulcer, tumor, operation; and the haemolytic anaemia that helminth infection, autoimmunity haemolysis causes; the nutrition sex anaemia that hidebound causes; the aplastic anaemia that toxic, immune disease, endocrine is maladjusted cause.
HGB	Decreased levels: It is common in anemia caused by various reasons, such as hemolytic anemia, blood loss and anemia caused by parasitic infection.
HCT	Decreased levels: It is common in anemia caused by various reasons.
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. Mikaela Rabino

Date Reported: 23/07/2026

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



Hospital Tel: +639171533903

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

