

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Patty
Gender: Male
Sample ID: 260814002

Owner Name: Recyn Garcia
Age:
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 14/08/2026 16:59:24

Test	Result		Unit	Reference Range	Low	Normal	High
1.WBC							
1-1White blood cell count(WBC)	30.33	↑	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	22.72	↑	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#)	22.72	↑	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00		10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	2.46		10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	4.85	↑	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.27		10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.03		10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	74.9		%	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%)	74.9	↑	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-15.5			
1-14%Lymphocytes(Lym%)	8.1	↓	%	12.0-33.0			
1-15%Monocytes(Mon%)	16.0	↑	%	2.0-13.0			
1-16%Eosinophils(Eos%)	0.9		%	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)	5.08	↓	10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	130		g/L	110-190			
2-3Hematocrit(HCT)	39.2		%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	77.2		fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	25.6		pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	332		g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	13.9		%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	39.5		fL	31.2-51.7			
2-9Reticulocytes(RET#)	6.57		10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.13		%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	42.9		fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	49.3		%	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#)	0.45		10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.01		%	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			

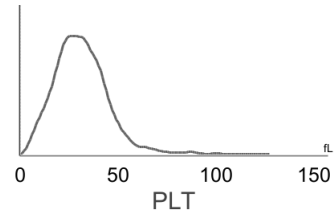
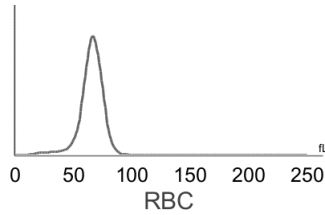
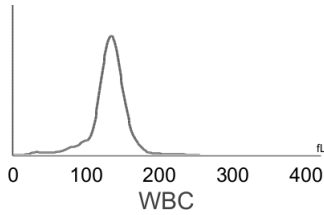


Hospital Tel: +639171533903

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



3-3Plateletcrit(PCT)	0.067	↓	%	0.090-0.580	
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	43.3		%	30.0-80.0	
3-5Platelet distribution width-Standard Deviation(PDW-SD)	10.1		fL	5.0-20.0	
3-6Large platelet(LPLT#)	11		10^9/L	0-285	
3-7%Large platelet(P-LCR)	17.5		%	9.0-50.0	



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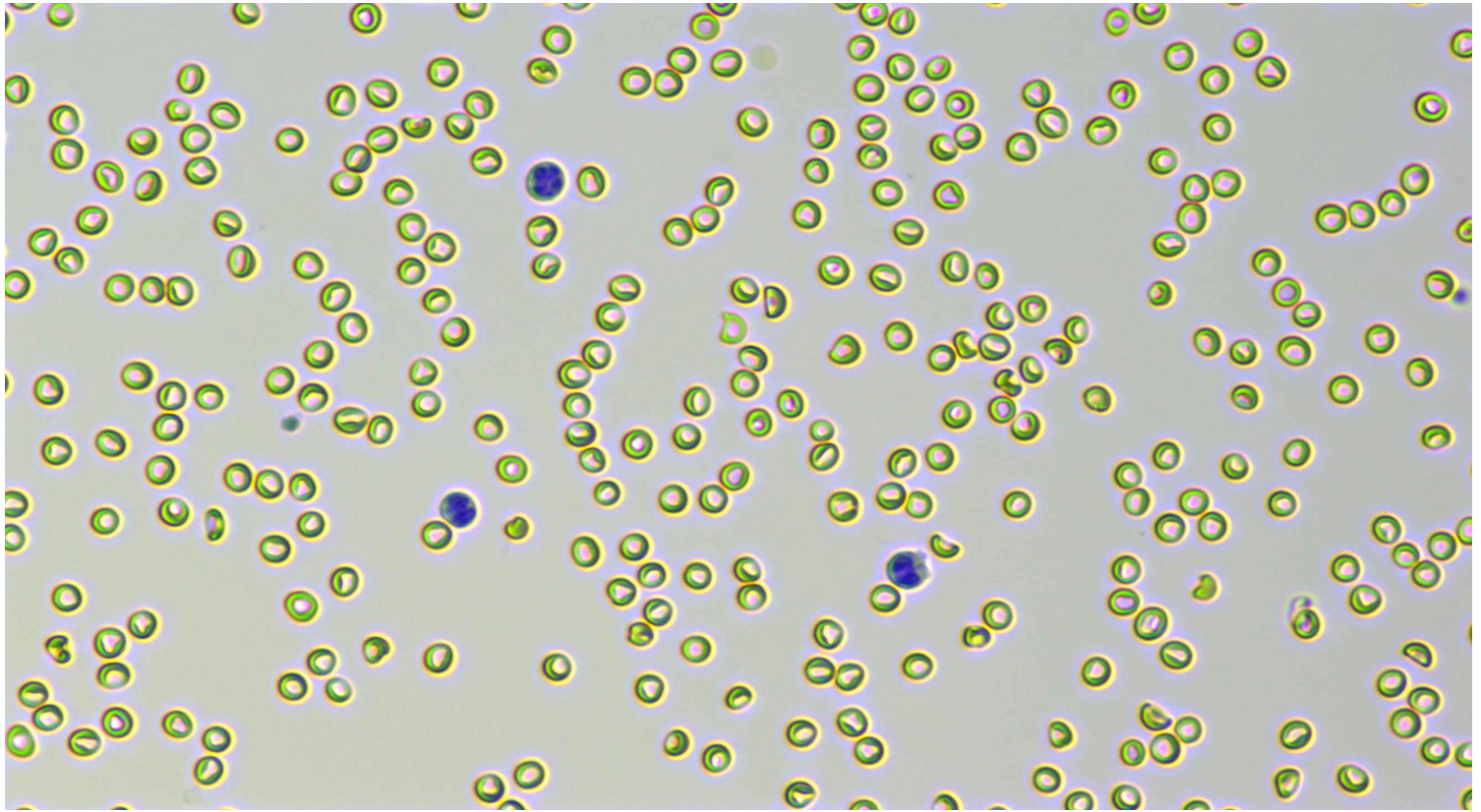
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Distribution Chart



Neutrophil stab granulocytes

Count:

Concentration:

Percentage:



Neutrophil segmented granulocytes

Count: 1172.0

Concentration: $22.72 \times 10^9/L$

Percentage: 74.9 Nsg#/WBC



Hypersegmented neutrophils

Count:

Concentration:

Percentage:

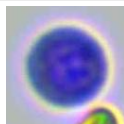
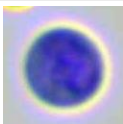
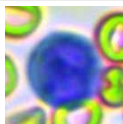
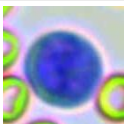
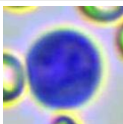
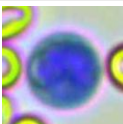
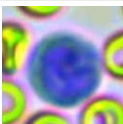
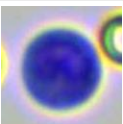
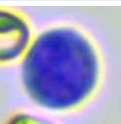
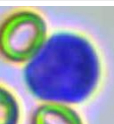


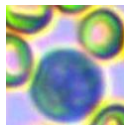
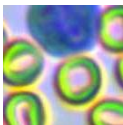
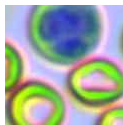
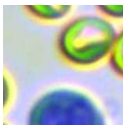
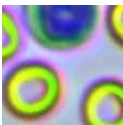
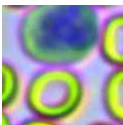
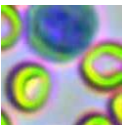
Lymphocytes

Count: 126.0

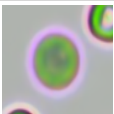
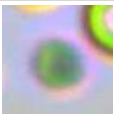
Concentration: $2.46 \times 10^9/L$

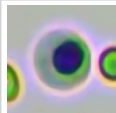
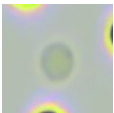
Percentage: 8.1 Lym#/WBC

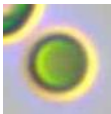
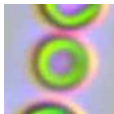
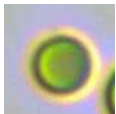
										
Monocytes	Count: 259.0		Concentration: 4.85 x 10^9/L				Percentage: 16.0 Mon#/WBC			

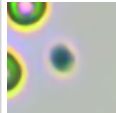
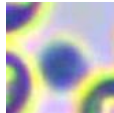
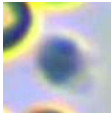
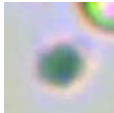
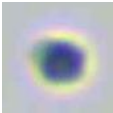
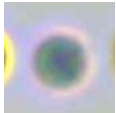
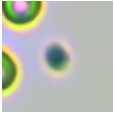
										
Eosinophils	Count: 15.0		Concentration: 0.27 x 10^9/L				Percentage: 0.9 Eos#/WBC			

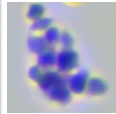
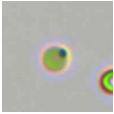
										
Basophils	Count:		Concentration:				Percentage:			

										
Normocyte	Count: 85617.0	Concentration: 5.08 x 10^12/L		Percentage: 100.0 Normocyte#/RBC		Reticulocytes	Count: 1.0	Concentration: 6.57 x 10^9/L	Percentage: 0.13 RET#/RBC	

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

										
Spherocytes	Count: 21.0	Concentration: 0.45 x 10^9/L		Percentage: 0.01 SPH#/RBC		Agglutinated erythrocytes	Count:	Concentration:	Percentage:	

										
Normal platelets	Count: 1166.0	Concentration: 63 x 10^9/L		Percentage: 82.5 NPLT#/PLT		Large platelet	Count:	Concentration:	Percentage:	

										
Aggregate platelets	Count:	Concentration:		Percentage:						
	Count:	Concentration:		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.
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.

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. Marian Grace Wanagen

Date Reported: 14/08/2026

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