

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Mamon
Gender: Male
Sample ID: 260721001

Owner Name: Recyn Garcia
Age: 5M
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 21/07/2026 09:51:23

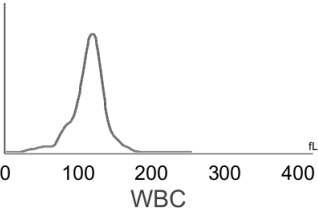
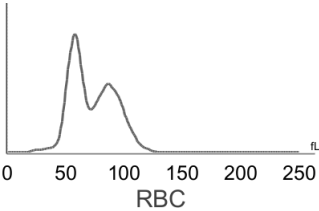
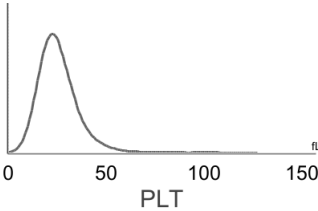
Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1White blood cell count(WBC)	16.36	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	10.27	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.00	10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	10.27	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00	10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	4.42	10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	1.41	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.26	10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.00	10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	62.8	%	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%)	62.8	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0	%	0.0-15.5			
1-14%Lymphocytes(Lym%)	27.0	%	12.0-33.0			
1-15%Monocytes(Mon%)	8.6	%	2.0-13.0			
1-16%Eosinophils(Eos%)	1.6	%	0.5-10.0			
1-17%Basophils(Bas%)	0.0	%	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)	1.43	↓ 10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	37	↓ g/L	110-190			
2-3Hematocrit(HCT)	13.4	↓ %	35.0-58.0			
2-4Mean corpuscular volume(MCV)	94.1	↑ fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	25.6	pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	272	g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	32.4	↑ %	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	100.3	↑ fL	31.2-51.7			
2-9Reticulocytes(RET#)	18.90	10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	1.32	↑ %	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	42.3	fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	43.5	%	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#)	0.01	10 ¹² /L	0.00-0.10			
2-16%Erythrocyte ghost(ETG%)	0.55	%	0.00-3.00			
2-17Spherocytes(SPH#)	0.69	10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.05	%	0.00-2.00			
2-19Agglutinated erythrocytes(AGG#)	1.51	↑ 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)	312	10 ⁹ /L	117-490			
3-2Mean platelet volume(MPV)	13.6	fL	8.4-14.1			



Hospital Tel: +639171533903

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



3-3Plateletcrit(PCT)	0.425	%	0.090-0.580	
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	70.7	%	30.0-80.0	
3-5Platelet distribution width-Standard Deviation(PDW-SD)	17.1	fL	5.0-20.0	
3-6Large platelet(LPLT#)	179	10^9/L	0-285	
3-7%Large platelet(P-LCR)	57.4	↑ %	9.0-50.0	
  				
				PLT

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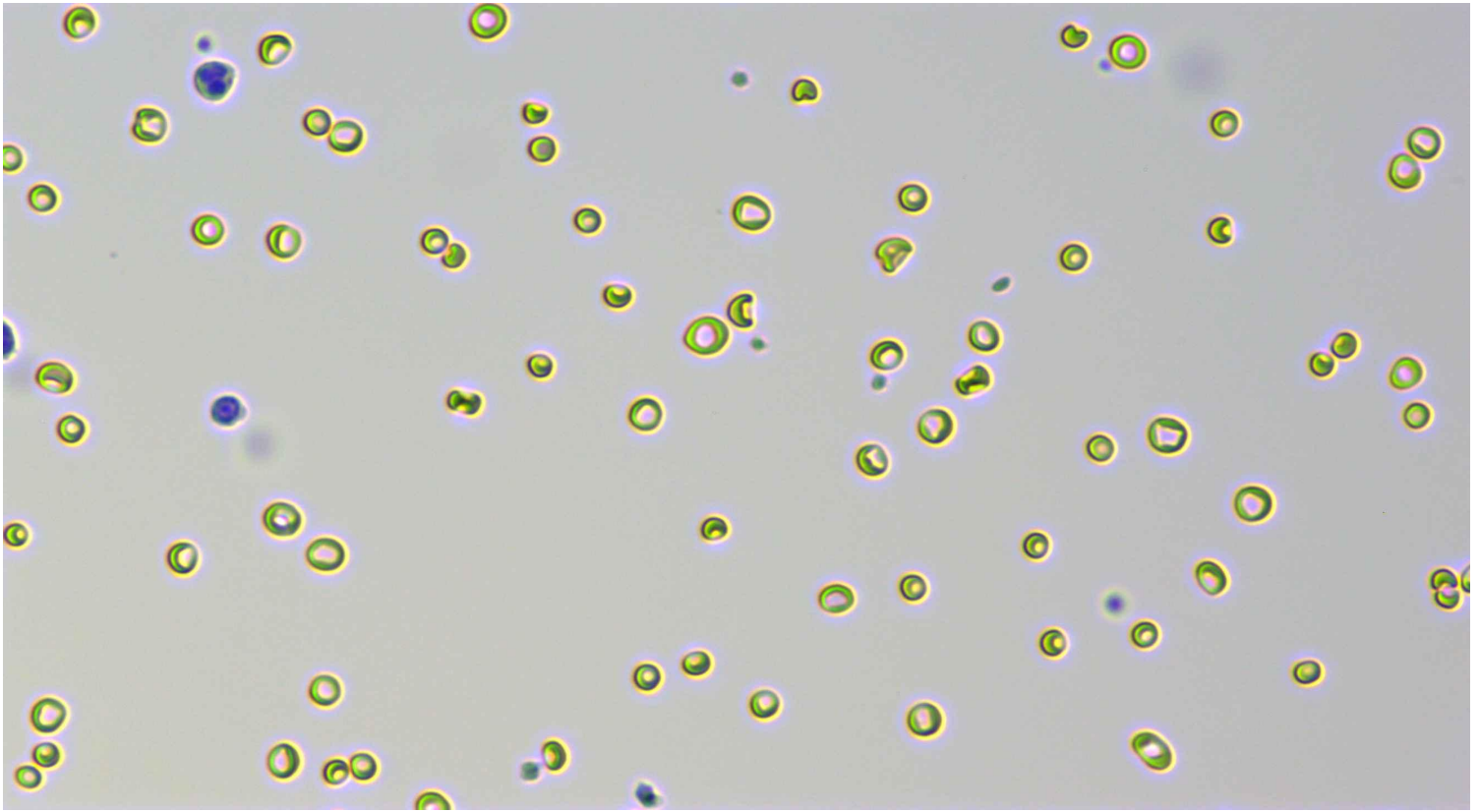
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Distribution Chart



Neutrophil stab granulocytes

Count:

Concentration:

Percentage:



Neutrophil segmented granulocytes

Count: 537.0

Concentration: $10.27 \times 10^9/L$

Percentage: 62.8 Nsg#/WBC

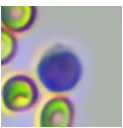


Hypersegmented neutrophils

Count:

Concentration:

Percentage:

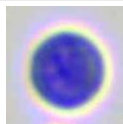
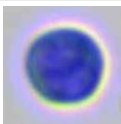
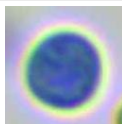
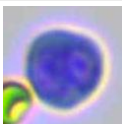
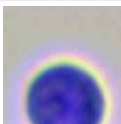
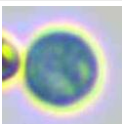
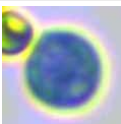
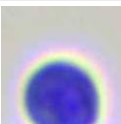
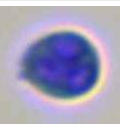


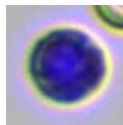
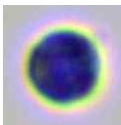
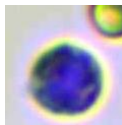
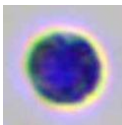
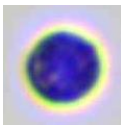
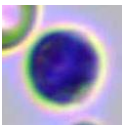
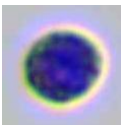
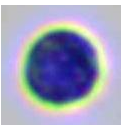
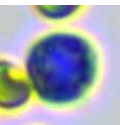
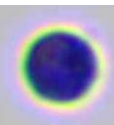
Lymphocytes

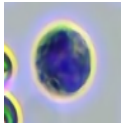
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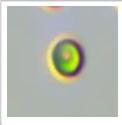
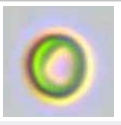
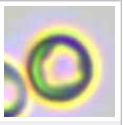
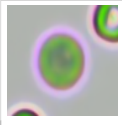
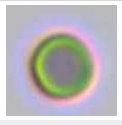
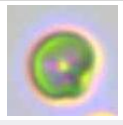
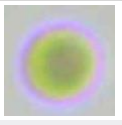
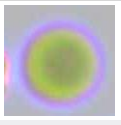
Concentration: $4.42 \times 10^9/L$

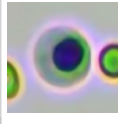
Percentage: 27.0 Lym#/WBC

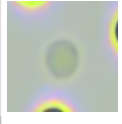
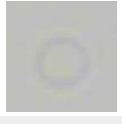
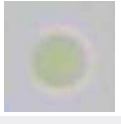
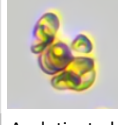
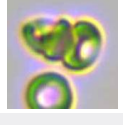
										
Monocytes	Count: 73.0		Concentration: 1.41 x 10^9/L				Percentage: 8.6 Mon#/WBC			

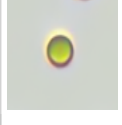
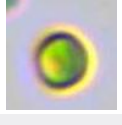
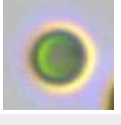
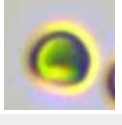
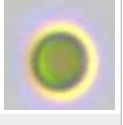
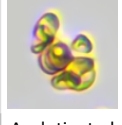
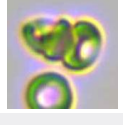
										
Eosinophils	Count: 13.0		Concentration: 0.26 x 10^9/L				Percentage: 1.6 Eos#/WBC			

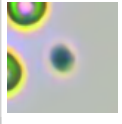
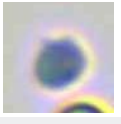
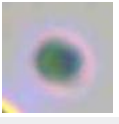
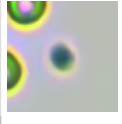
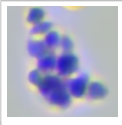
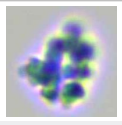
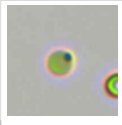
										
Basophils	Count:		Concentration:				Percentage:			

										
Normocyte	Count: 23862.0	Concentration: 1.43 x 10^12/L		Percentage: 98.7 Normocyte#/RBC			Reticulocytes	Count: 158.0	Concentration: 18.90 x 10^9/L	Percentage: 1.32 RET#/RBC

										
Nucleated red blood cell	Count:	Concentration:		Percentage:						

										
Erythrocyte ghost	Count: 134.0	Concentration: 0.01 x 10^12/L		Percentage: 0.55 ETG#/RBC						

										
Spherocytes	Count: 39.0	Concentration: 0.69 x 10^9/L		Percentage: 0.05 SPH#/RBC			Agglutinated erythrocytes	Count: 22.0	Concentration: 1.51 x 10^9/L	Percentage:

														
Normal platelets	Count: 7299.0	Concentration: 312 x 10^9/L		Percentage: 42.6 NPLT#/PLT										
														
Aggregate platelets	Count: 1.0	Concentration: 0.15 x 10^9/L		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.
MCV	Elevated levels: High values indicate that red blood cells are too large, which is seen in anemia and macrocytosis due to lack of vitamin B12 and folic acid.
RDW-CV	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.
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.
AGG#	Elevated levels: It is seen in erythrocyte membrane surface antigen changes leading to autoagglutination, which is common in post-transfusion, immune-mediated hemolytic anemia (IMHA).

Veterinary Technician: not specified

Attending Veterinarian: Dr. John Paul Landingin

Date Reported: 21/07/2026

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