

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Muca
Gender: Female
Sample ID: 260725006

Owner Name: Jing Carvajal
Age: 14Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 25/07/2026 18:18:55

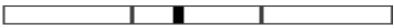
Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1White blood cell count(WBC)	11.53	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	7.41	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.00	10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	7.41	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00	10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	2.76	10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	0.49	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.86	10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.01	10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	64.2	%	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%)	64.2	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0	%	0.0-15.5			
1-14%Lymphocytes(Lym%)	23.9	%	12.0-33.0			
1-15%Monocytes(Mon%)	4.3	%	2.0-13.0			
1-16%Eosinophils(Eos%)	7.5	%	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)	7.83	10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	210	↑ g/L	110-190			
2-3Hematocrit(HCT)	58.7	↑ %	35.0-58.0			
2-4Mean corpuscular volume(MCV)	75.0	fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	26.8	pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	358	g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	14.2	%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	39.7	fL	31.2-51.7			
2-9Reticulocytes(RET#)	8.26	10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.11	%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	44.2	fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	49.7	%	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#)	1.34	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)	339	10 ⁹ /L	117-490			
3-2Mean platelet volume(MPV)	9.9	fL	8.4-14.1			

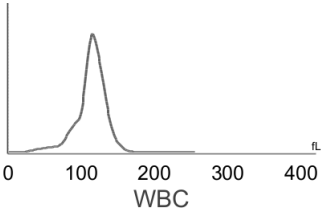
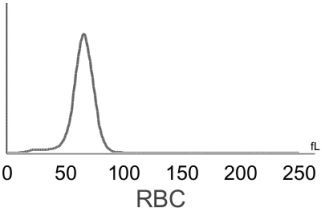
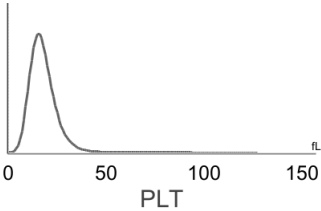


Hospital Tel: +639171533903

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



3-3Plateletcrit(PCT)	0.355	%	0.090-0.580	
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	66.6	%	30.0-80.0	
3-5Platelet distribution width-Standard Deviation(PDW-SD)	11.2	fL	5.0-20.0	
3-6Large platelet(LPLT#)	100	10^9/L	0-285	
3-7%Large platelet(P-LCR)	29.5	%	9.0-50.0	

Pet Doctors Veterinary Supplies and Services

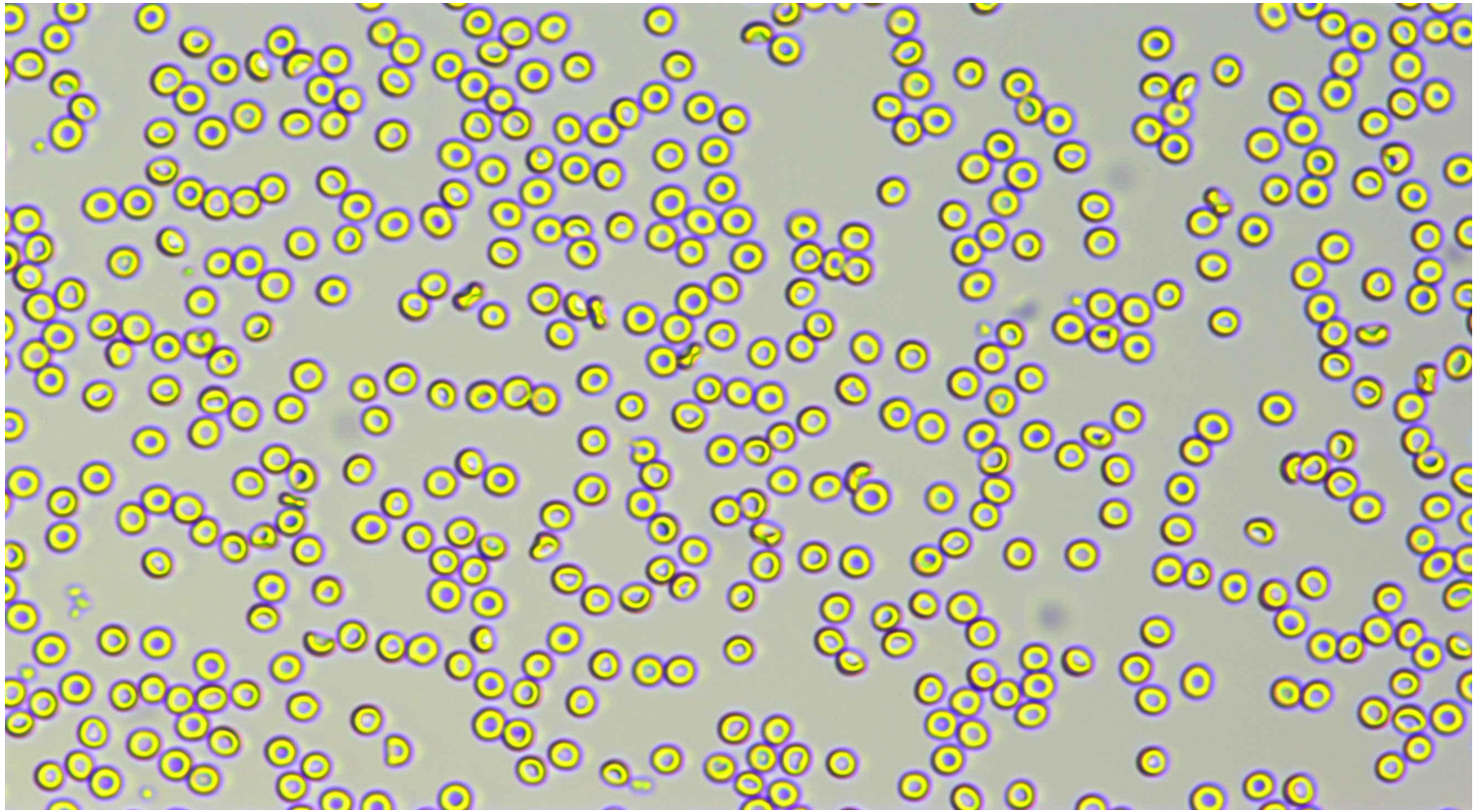
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Distribution Chart



Neutrophil stab granulocytes

Count:

Concentration:

Percentage:

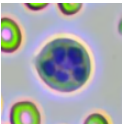
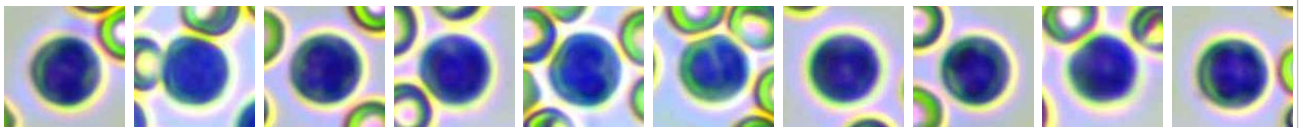


Neutrophil segmented granulocytes

Count: 410.0

Concentration: $7.41 \times 10^9/L$

Percentage: 64.2 Nsg#/WBC

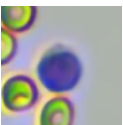


Hypersegmented neutrophils

Count:

Concentration:

Percentage:

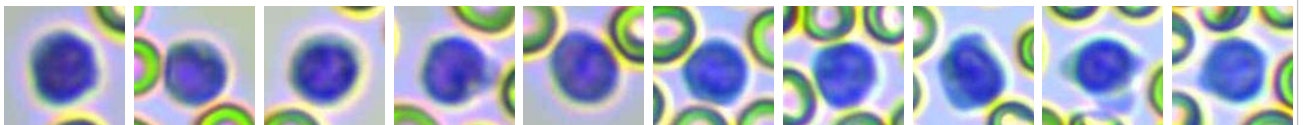


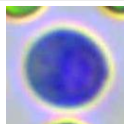
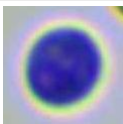
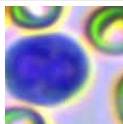
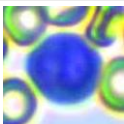
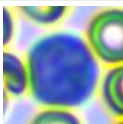
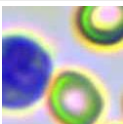
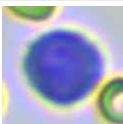
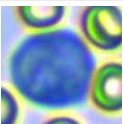
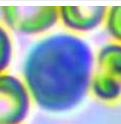
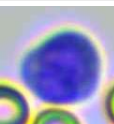
Lymphocytes

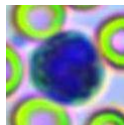
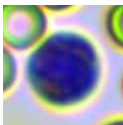
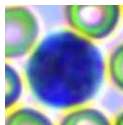
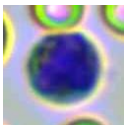
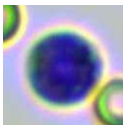
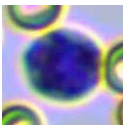
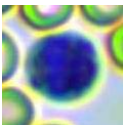
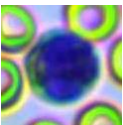
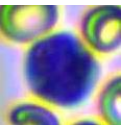
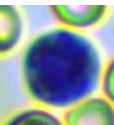
Count: 155.0

Concentration: $2.76 \times 10^9/L$

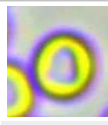
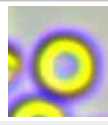
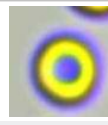
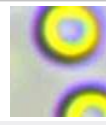
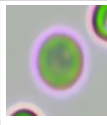
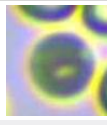
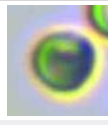
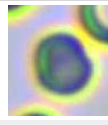
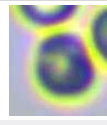
Percentage: 23.9 Lym#/WBC

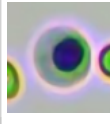


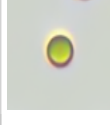
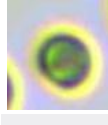
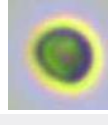
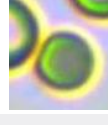
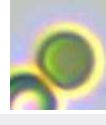
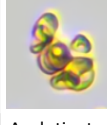
										
Monocytes	Count: 26.0	Concentration: 0.49 x 10^9/L				Percentage: 4.3 Mon#/WBC				

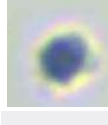
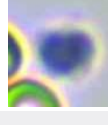
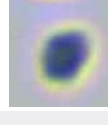
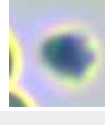
										
Eosinophils	Count: 48.0	Concentration: 0.86 x 10^9/L				Percentage: 7.5 Eos#/WBC				

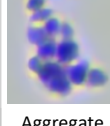
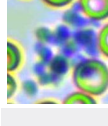
										
Basophils	Count:	Concentration:				Percentage:				

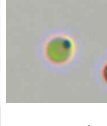
										
Normocyte	Count: 139018.0	Concentration: 7.83 x 10^12/L			Percentage: 100.0 Normocyte#/RBC	Reticulocytes	Count: 17.0	Concentration: 8.26 x 10^9/L		Percentage: 0.11 RET#/RBC

										
Nucleated red blood cell	Count:	Concentration:			Percentage:					

										
Spherocytes	Count: 75.0	Concentration: 1.34 x 10^9/L			Percentage: 0.02 SPH#/RBC	Agglutinated erythrocytes	Count:	Concentration:		Percentage:

										
Normal platelets	Count: 7035.0	Concentration: 339 x 10^9/L			Percentage: 70.5 NPLT#/PLT	Large platelet	Count:	Concentration:		Percentage:

										
Aggregate platelets	Count: 1.0	Concentration: 0.15 x 10^9/L			Percentage:					

										
Heinz Bodies	Count:	Concentration:				Percentage:				

Clinical Significance

HGB	Elevated levels: Relative polycythemia caused by dehydration, vomiting, diarrhea, etc. is common, as well as related diseases caused by compensatory increase or pathological increase of erythropoietin (such as renal cyst, hydronephrosis, hypernephrosis, hyperthyroidism, etc.) due to various reasons; it can be seen in transient polycythemia and polycythemia vera caused by spleen contraction in excitable dogs and cats or some large breeds.
HCT	Elevated levels: It is commonly seen in dehydration, use of catecholamines, diseases related to compensatory or pathological increase of erythropoietin, hyperadrenocorticism, hyperthyroidism, acromegaly, etc.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Mikaela Rabino

Date Reported: 25/07/2026

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