

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Ruby
Gender: Female
Sample ID: 260818003

Owner Name: Mel Fernandez
Age: 3Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 18/08/2026 15:39:07

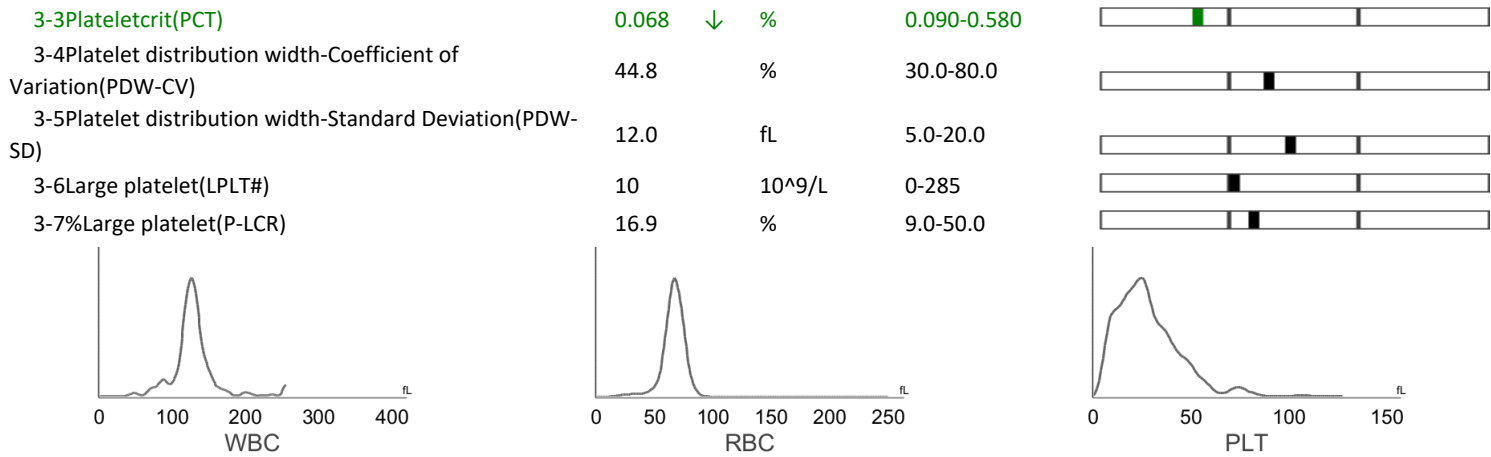
Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1White blood cell count(WBC)	5.51	↓ 10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	3.90	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.00	10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	3.90	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00	10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	0.88	10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	0.66	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.04	↓ 10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.02	10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	71.0	%	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%)	71.0	↑ %	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0	%	0.0-15.5			
1-14%Lymphocytes(Lym%)	16.0	%	12.0-33.0			
1-15%Monocytes(Mon%)	12.0	%	2.0-13.0			
1-16%Eosinophils(Eos%)	0.7	%	0.5-10.0			
1-17%Basophils(Bas%)	0.3	%	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)	4.77	↓ 10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	128	g/L	110-190			
2-3Hematocrit(HCT)	36.9	%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	77.3	fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	26.8	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)	12.9	%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	37.1	fL	31.2-51.7			
2-9Reticulocytes(RET#)	5.79	10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.12	%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	47.5	fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	43.6	%	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#)	1.44	10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.03	%	0.00-2.00			
2-19Agglutinated erythrocytes(AGG#)	0.08	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)	62	↓ 10 ⁹ /L	117-490			
3-2Mean platelet volume(MPV)	10.5	fL	8.4-14.1			



Hospital Tel: +639171533903

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





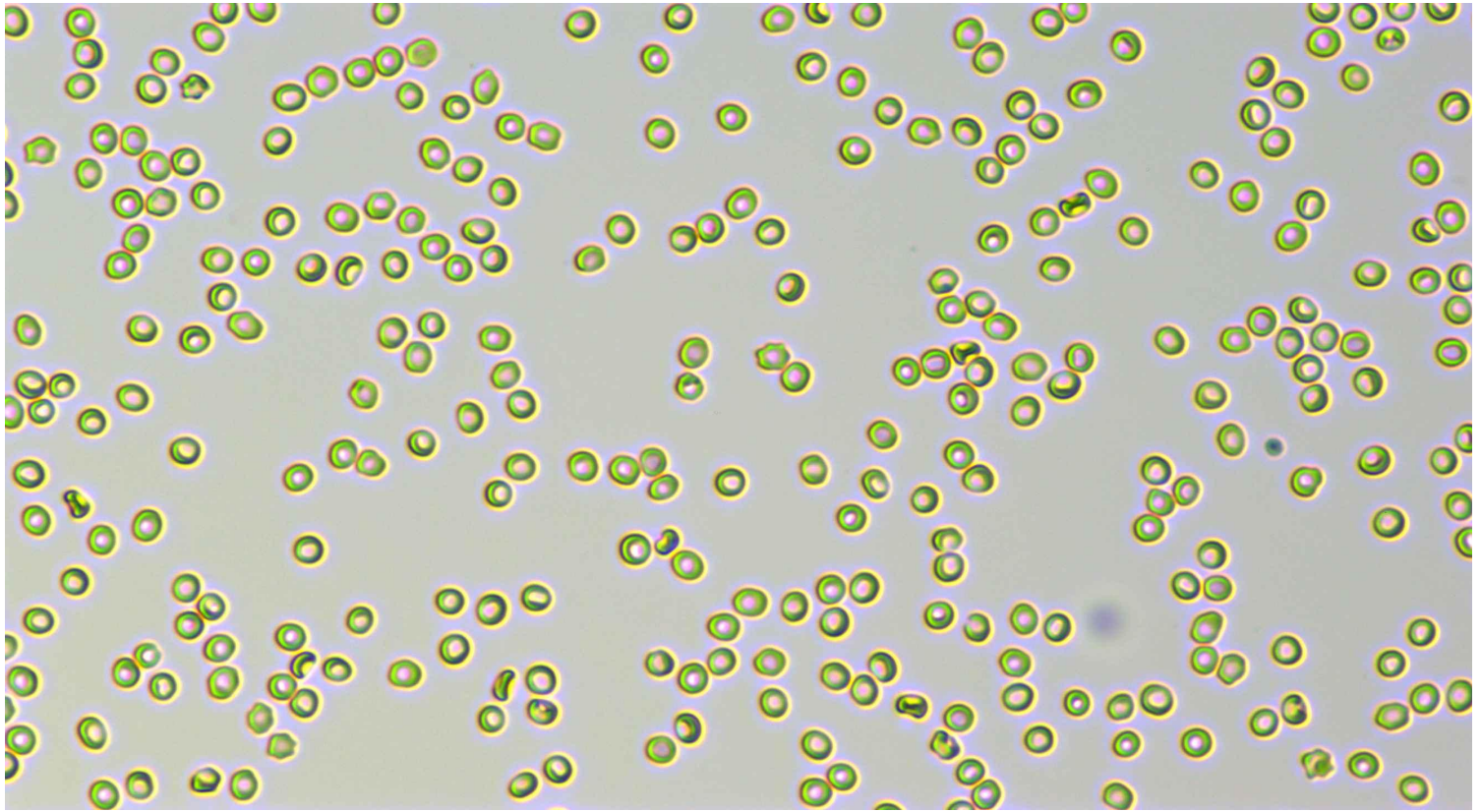
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Distribution Chart



Neutrophil stab granulocytes

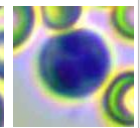
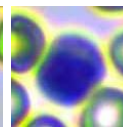
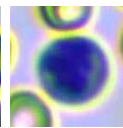
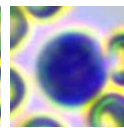
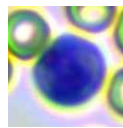
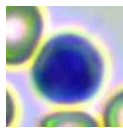
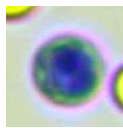
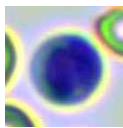
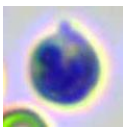
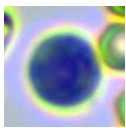
Count:

Concentration:

Percentage:



Neutrophil segmented granulocytes



Count: 218.0

Concentration: $3.90 \times 10^9/L$

Percentage: 71.0 Nsg#/WBC

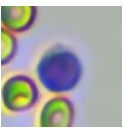


Hypersegmented neutrophils

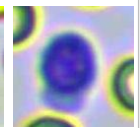
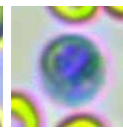
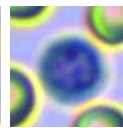
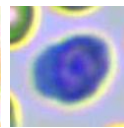
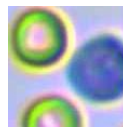
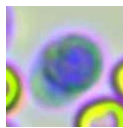
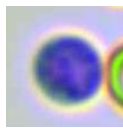
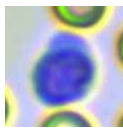
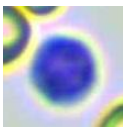
Count:

Concentration:

Percentage:



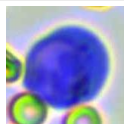
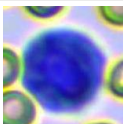
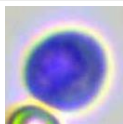
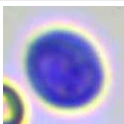
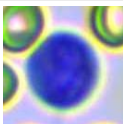
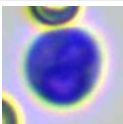
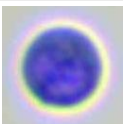
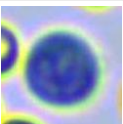
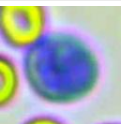
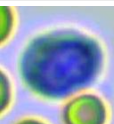
Lymphocytes

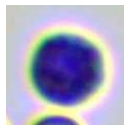
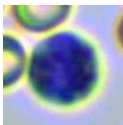
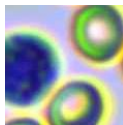
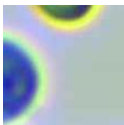
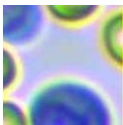


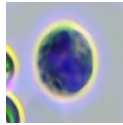
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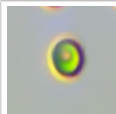
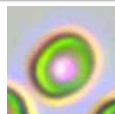
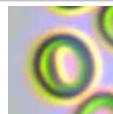
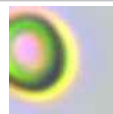
Concentration: $0.88 \times 10^9/L$

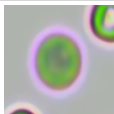
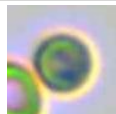
Percentage: 16.0 Lym#/WBC

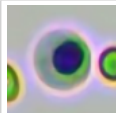
										
Monocytes	Count: 38.0		Concentration: 0.66 x 10^9/L				Percentage: 12.0 Mon#/WBC			

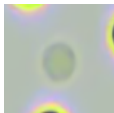
										
Eosinophils	Count: 5.0		Concentration: 0.04 x 10^9/L				Percentage: 0.7 Eos#/WBC			

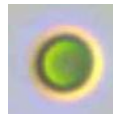
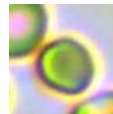
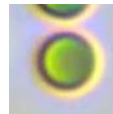
										
Basophils	Count:		Concentration:				Percentage:			

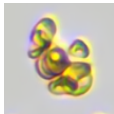
										
Normocyte	Count: 84765.0	Concentration: 4.77 x 10^12/L		Percentage: 100.0 Normocyte#/RBC						

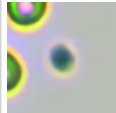
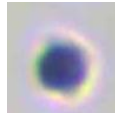
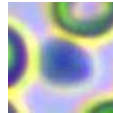
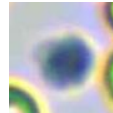
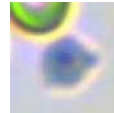
										
Reticulocytes	Count: 2.0	Concentration: 5.79 x 10^9/L		Percentage: 0.12 RET#/RBC						

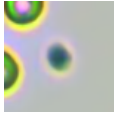
										
Nucleated red blood cell	Count:	Concentration:		Percentage:						

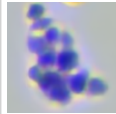
										
Erythrocyte ghost	Count:	Concentration:		Percentage:						

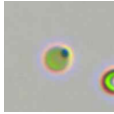
										
Spherocytes	Count: 68.0	Concentration: 1.44 x 10^9/L		Percentage: 0.03 SPH#/RBC						

										
Agglutinated erythrocytes	Count: 1.0	Concentration: 0.08 x 10^9/L		Percentage:						

										
Normal platelets	Count: 669.0	Concentration: 62 x 10^9/L		Percentage: 83.1 NPLT#/PLT						

										
Large platelet	Count:	Concentration:		Percentage:						

										
Aggregate platelets	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.
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. Cassandra R. Oyan

Date Reported: 18/08/2026



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



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



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