

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Lily
Gender: Female
Sample ID: 260821003

Owner Name: Ahlea Ursais
Age: 1Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 21/08/2026 14:40:55

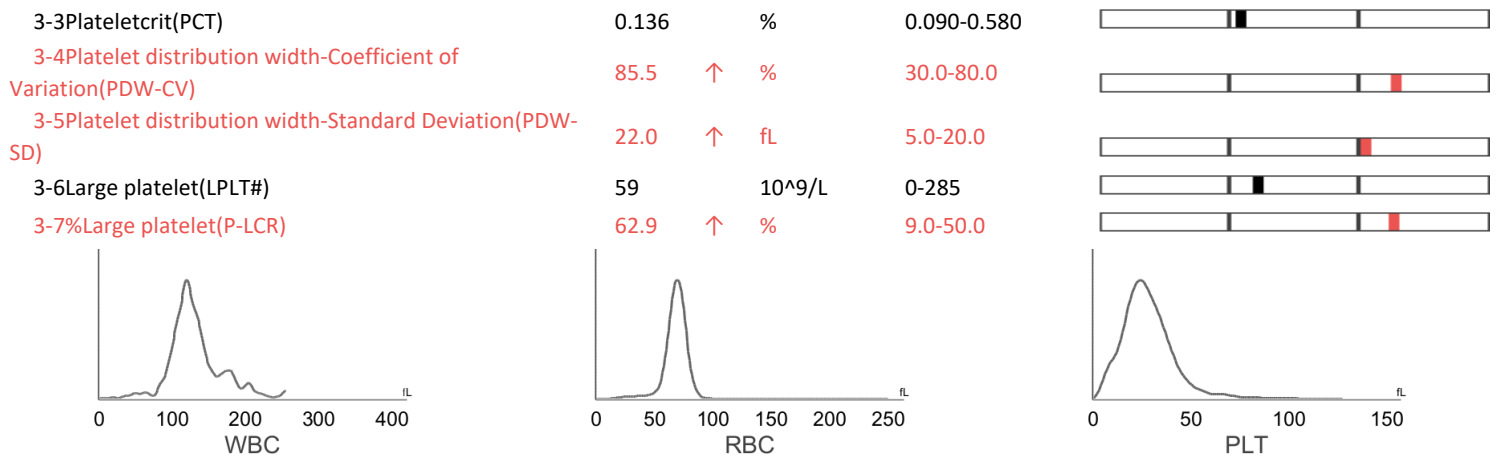
Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1White blood cell count(WBC)	7.63	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	3.43 ↓	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.00	10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	3.43	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00	10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	2.93	10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	1.14	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.11	10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.02	10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	45.0 ↓	%	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%)	45.0 ↓	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0	%	0.0-15.5			
1-14%Lymphocytes(Lym%)	38.4 ↑	%	12.0-33.0			
1-15%Monocytes(Mon%)	14.9 ↑	%	2.0-13.0			
1-16%Eosinophils(Eos%)	1.5	%	0.5-10.0			
1-17%Basophils(Bas%)	0.2	%	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)	4.47 ↓	10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	117	g/L	110-190			
2-3Hematocrit(HCT)	36.0	%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	80.5	fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	26.1	pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	324	g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	12.4	%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	36.6	fL	31.2-51.7			
2-9Reticulocytes(RET#)	7.25	10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.16	%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	49.5	fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	41.9	%	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#)	0.11	10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.00	%	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)	94 ↓	10 ⁹ /L	117-490			
3-2Mean platelet volume(MPV)	14.5 ↑	fL	8.4-14.1			



Hospital Tel: +639171533903

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





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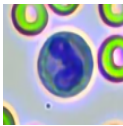
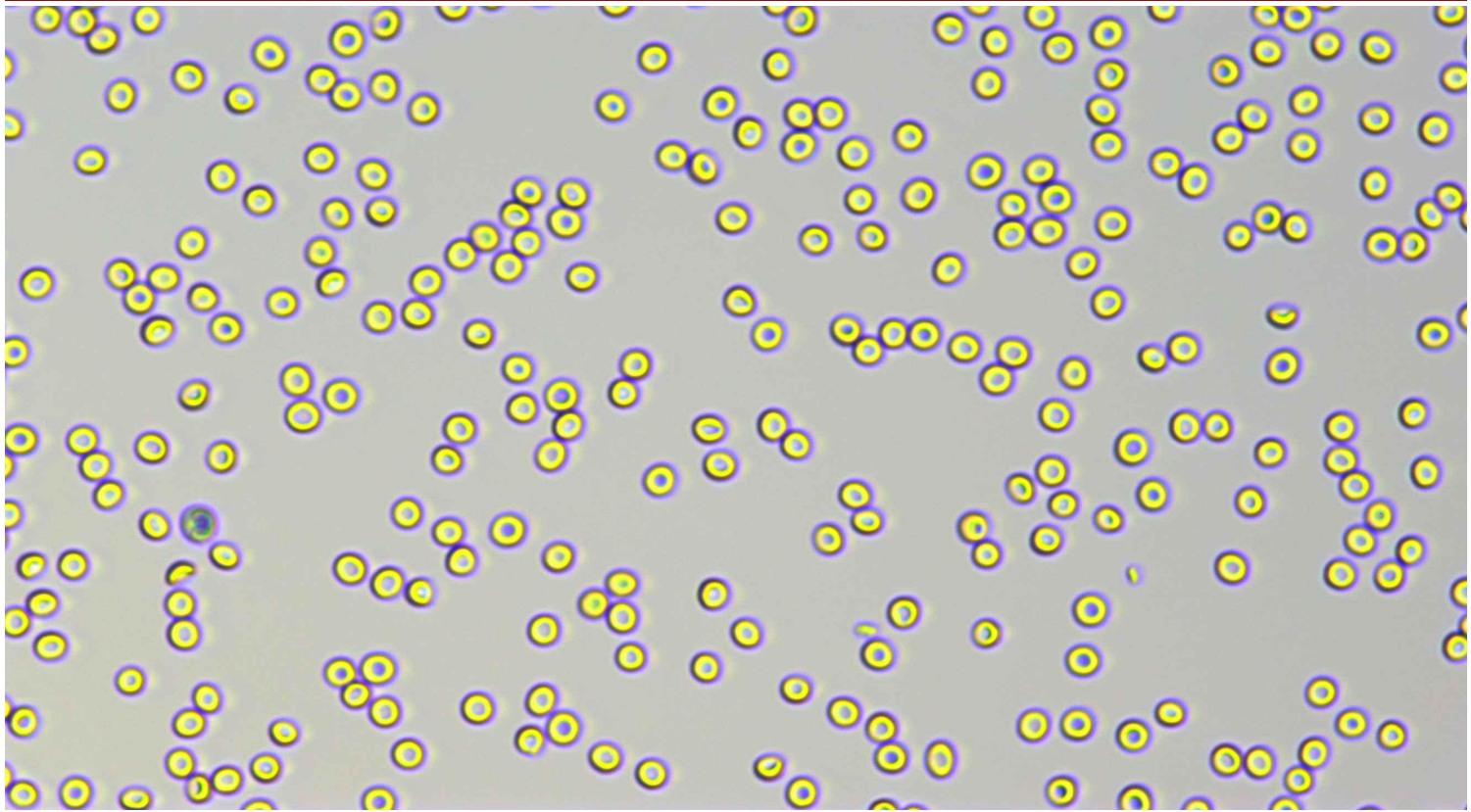
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Distribution Chart

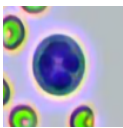


Neutrophil stab granulocytes

Count:

Concentration:

Percentage:

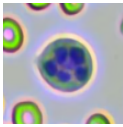


Neutrophil segmented granulocytes

Count: 188.0

Concentration: $3.43 \times 10^9/L$

Percentage: 45.0 Nsg#/WBC

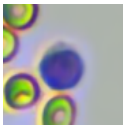


Hypersegmented neutrophils

Count:

Concentration:

Percentage:

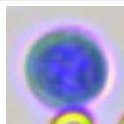
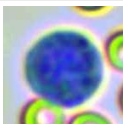
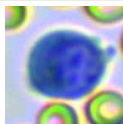
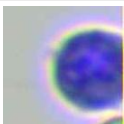
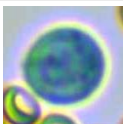
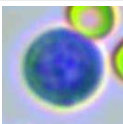
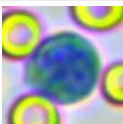
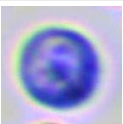
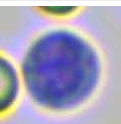
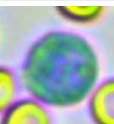


Lymphocytes

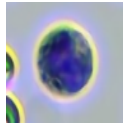
Count: 156.0

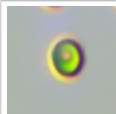
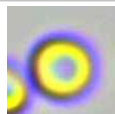
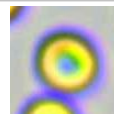
Concentration: $2.93 \times 10^9/L$

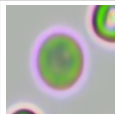
Percentage: 38.4 Lym#/WBC

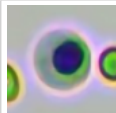
										
Monocytes	Count: 61.0	Concentration: 1.14 x 10^9/L					Percentage: 14.9 Mon#/WBC			

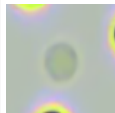
			
Eosinophils	Count:	Concentration:	Percentage:

			
Basophils	Count:	Concentration:	Percentage:

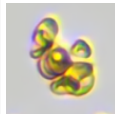
					
Normocyte	Count: 75383.0	Concentration: 4.47 x 10^12/L	Percentage: 100.0 Normocyte#/RBC		

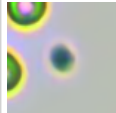
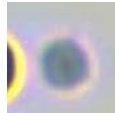
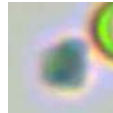
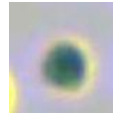
			
Reticulocytes	Count:	Concentration:	Percentage:

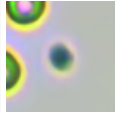
			
Nucleated red blood cell	Count:	Concentration:	Percentage:

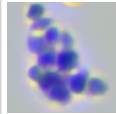
			
Erythrocyte ghost	Count:	Concentration:	Percentage:

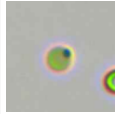
				
Spherocytes	Count: 4.0	Concentration: 0.11 x 10^9/L	Percentage: 0.00 SPH#/RBC	

			
Agglutinated erythrocytes	Count:	Concentration:	Percentage:

					
Normal platelets	Count: 1826.0	Concentration: 94 x 10^9/L	Percentage: 37.1 NPLT#/PLT		

			
Large platelet	Count:	Concentration:	Percentage:

			
Aggregate platelets	Count:	Concentration:	Percentage:

			
Heinz Bodies	Count:	Concentration:	Percentage:

Clinical Significance

Neu#	Decreased levels: It is commonly seen in infectious diseases such as feline panleukopenia, toxoplasmosis, histoplasmosis, etc.; drug-induced, infections such as acute, late severe bacterial infections or septicemia, immune-mediated diseases, shock, poisoning, bone marrow abnormalities, pre-leukemia syndrome.
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.

MPV	Elevated levels: It is common in reactive platelet production after blood loss, secondary platelet destruction, myeloproliferative diseases, hyperthyroidism and so on.
PDW-CV	Elevated levels: It suggests that the platelet size is not uniform.
PDW-SD	Elevated levels: It suggests that the platelet size is not uniform.
P-LCR	Elevated levels: It is commonly seen in bone marrow reactive thrombocytopenia.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Mikaela Rabino

Date Reported: 21/08/2026

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