

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Luna
 Gender: Male
 Test Number: 260908004
 Sample ID:

Owner Name: Kyle Villegas
 Age: 7Y
 Sample Type: Blood

Species: Canine
 Patient or Visit NO.:
 Time Tested: 08/09/2026 11:05:09

Test	Result		Unit	Reference Range	Low	Normal	High
1.WBC							
1-1White blood cell count(WBC)	5.59	↓	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	4.30		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#)	4.30		10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00		10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	1.00		10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	0.06	↓	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.21		10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.02		10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	77.1		%	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%)	77.1	↑	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-15.5			
1-14%Lymphocytes(Lym%)	17.9		%	12.0-33.0			
1-15%Monocytes(Mon%)	1.0	↓	%	2.0-13.0			
1-16%Eosinophils(Eos%)	3.7		%	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)	7.56		10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	198	↑	g/L	110-190			
2-3Hematocrit(HCT)	56.4		%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	74.7		fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	26.2		pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	351		g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	17.3		%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	48.1		fL	31.2-51.7			
2-9Reticulocytes(RET#)	9.03		10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.12		%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	46.6		fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	48.6		%	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%)	0.00		%	0.00-3.00			
2-17Spherocytes(SPH#)	0.25		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)	165		10 ⁹ /L	117-490			

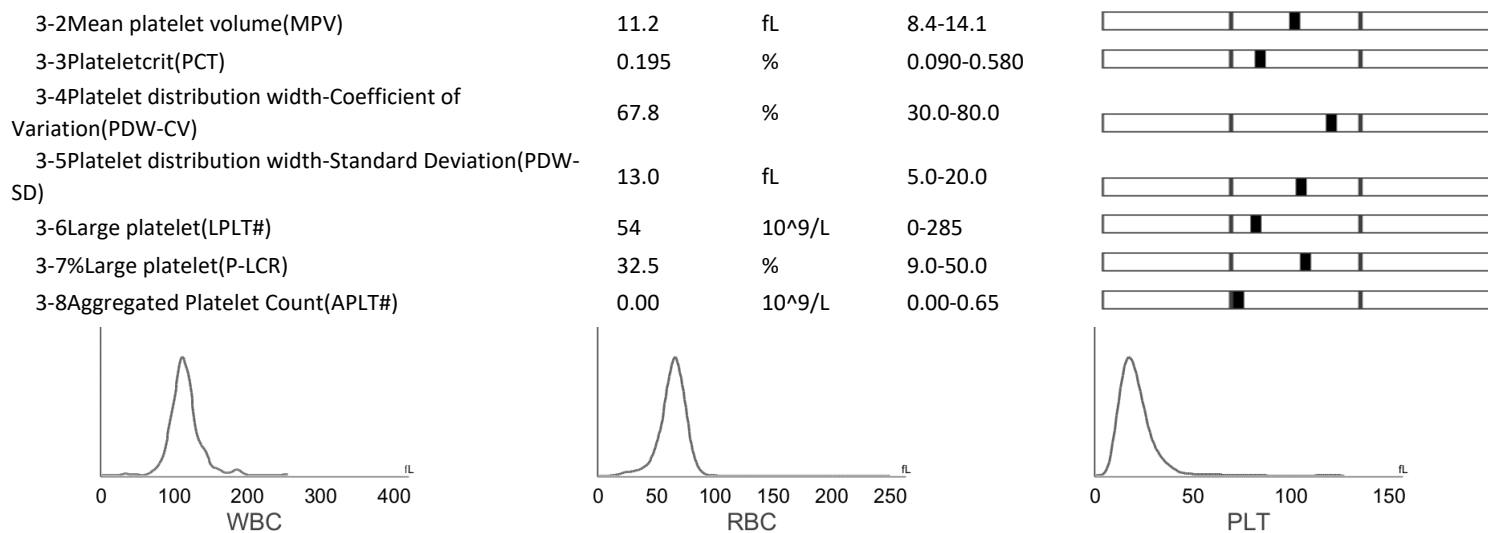


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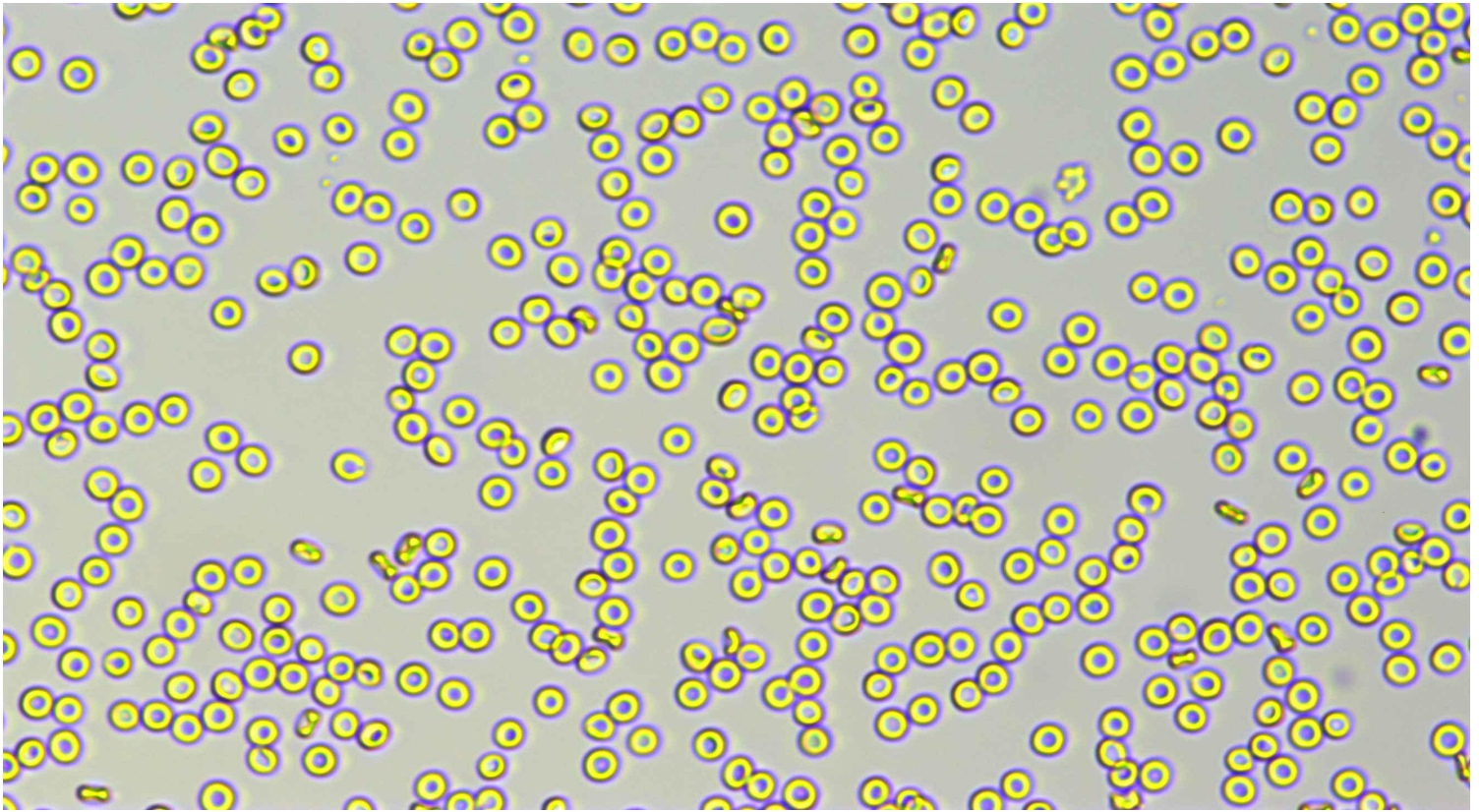
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Distribution Chart

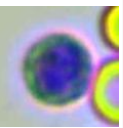
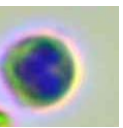
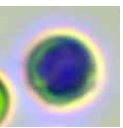
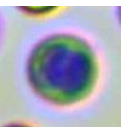
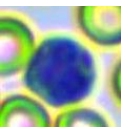
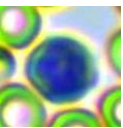
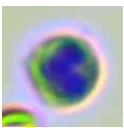
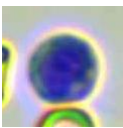
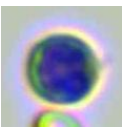
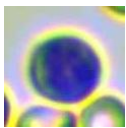


Neutrophil stab granulocytes

Count:

Concentration:

Percentage:



Neutrophil segmented granulocytes

Count: 249.0

Concentration: $4.30 \times 10^9/L$

Percentage: 77.1 Nsg#/WBC

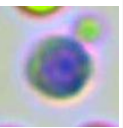
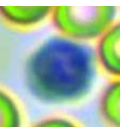
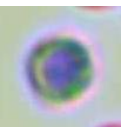
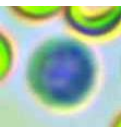
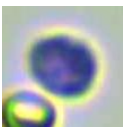
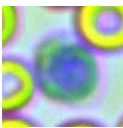
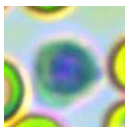
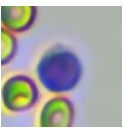


Hypersegmented neutrophils

Count:

Concentration:

Percentage:

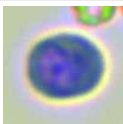
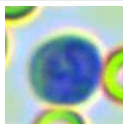


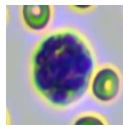
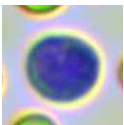
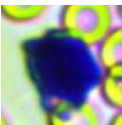
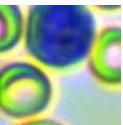
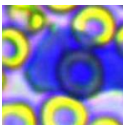
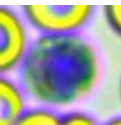
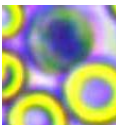
Lymphocytes

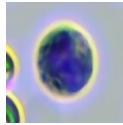
Count: 55.0

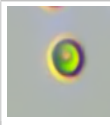
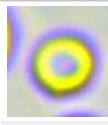
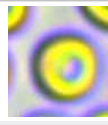
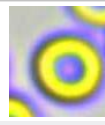
Concentration: $1.00 \times 10^9/L$

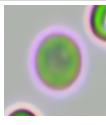
Percentage: 17.9 Lym#/WBC

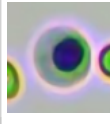
							
Monocytes	Count: 3.0	Concentration: 0.06 x 10^9/L		Percentage: 1.0 Mon#/WBC			

										
Eosinophils	Count: 12.0	Concentration: 0.21 x 10^9/L		Percentage: 3.7 Eos#/WBC						

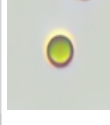
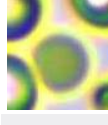
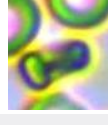
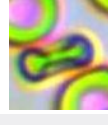
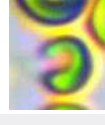
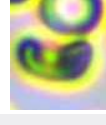
										
Basophils	Count:	Concentration:		Percentage:						

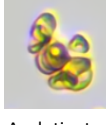
							
Normocyte	Count: 134330.0	Concentration: 7.56 x 10^12/L		Percentage: 100.0 Normocyte#/RBC			

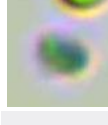
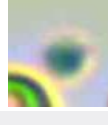
			
Reticulocytes	Count:	Concentration:	Percentage:

			
Nucleated red blood cell	Count:	Concentration:	Percentage:

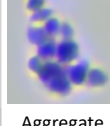
			
Erythrocyte ghost	Count:	Concentration:	Percentage:

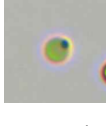
							
Spherocytes	Count: 16.0	Concentration: 0.25 x 10^9/L		Percentage: 0.00 SPH#/RBC			

			
Agglutinated erythrocytes	Count:	Concentration:	Percentage:

							
Normal platelets	Count: 2660.0	Concentration: 165 x 10^9/L		Percentage: 67.5 NPLT#/PLT			

			
Large platelet	Count:	Concentration:	Percentage:

			
Aggregate platelets	Count:	Concentration:	Percentage:

			
Heinz Bodies	Count:	Concentration:	Percentage:

Clinical Significance

Mon#	Decreased levels: It is suggested that the initial stage of acute infectious diseases, the use of glucocorticoids and immunosuppressants, hematological diseases, autoimmune diseases, and the critical stage of various diseases.
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.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Ingrid Abulencia

Date Reported: 08/09/2026

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



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