

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Tophy
 Gender: Male
 Test Number: 260908002
 Sample ID:

Owner Name: Louie Narvas
 Age: 1Y5M
 Sample Type: Blood

Species: Canine
 Patient or Visit NO.:
 Time Tested: 08/09/2026 09:51:28

Test	Result		Unit	Reference Range	Low	Normal	High
1.WBC							
1-1 White blood cell count(WBC)	5.18	↓	10 ⁹ /L	6.00-17.00			
1-2 Neutrophils(Neu#)	3.86		10 ⁹ /L	3.62-12.30			
1-3 Neutrophil stab granulocytes(Nst#)	0.00		10 ⁹ /L	0.00-1.00			
1-4 Neutrophil segmented granulocytes(Nsg#)	3.86		10 ⁹ /L	2.30-11.50			
1-5 Hypersegmented neutrophils(Nsh#)	0.00		10 ⁹ /L	0.00-3.50			
1-6 Lymphocytes(Lym#)	0.79	↓	10 ⁹ /L	0.83-4.91			
1-7 Monocytes(Mon#)	0.36		10 ⁹ /L	0.14-1.97			
1-8 Eosinophils(Eos#)	0.15		10 ⁹ /L	0.04-1.62			
1-9 Basophils(Bas#)	0.02		10 ⁹ /L	0.00-0.12			
1-10 %Neutrophils(Neu%)	74.6		%	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%)	74.6	↑	%	48.0-70.0			
1-13 %Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-15.5			
1-14 %Lymphocytes(Lym%)	15.3		%	12.0-33.0			
1-15 %Monocytes(Mon%)	6.9		%	2.0-13.0			
1-16 %Eosinophils(Eos%)	2.9		%	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							
2-1 Red blood cell count(RBC)	5.88		10 ¹² /L	5.10-8.50			
2-2 Hemoglobin concentration(HGB)	152		g/L	110-190			
2-3 Hematocrit(HCT)	43.2		%	35.0-58.0			
2-4 Mean corpuscular volume(MCV)	73.4		fL	55.0-83.0			
2-5 Mean corpuscular hemoglobin(MCH)	25.8		pg	18.0-31.0			
2-6 Mean corpuscular hemoglobin concentration(MCHC)	352		g/L	260-430			
2-7 Red blood cell distribution width-Coefficient of Variation(RDW-CV)	14.9		%	11.2-21.3			
2-8 Red blood cell distribution width-Standard Deviation(RDW-SD)	41.1		fL	31.2-51.7			
2-9 Reticulocytes(RET#)	5.19		10 ⁹ /L	3.00-45.00			
2-10 %Reticulocytes(RET%)	0.09		%	0.00-1.00			
2-11 Mean reticulocyte volume(MCVr)	48.1		fL	30.0-120.0			
2-12 Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	42.3		%	20.0-80.0			
2-13 Nucleated 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			
2-15 Erythrocyte ghost(ETG#)	0.00		10 ¹² /L	0.00-0.10			
2-16 %Erythrocyte ghost(ETG%)	0.00		%	0.00-3.00			
2-17 Spherocytes(SPH#)	0.03		10 ⁹ /L	0.00-150.00			
2-18 %Spherocytes(SPH%)	0.00		%	0.00-2.00			
2-19 Agglutinated erythrocytes(AGG#)	0.08		10 ⁹ /L	0.00-0.50			
2-20 Heinz Bodies(HBRBC#)	0.00		10 ⁹ /L	0.00-0.00			
3.PLT							
3-1 Platelet(PLT)	103	↓	10 ⁹ /L	117-490			

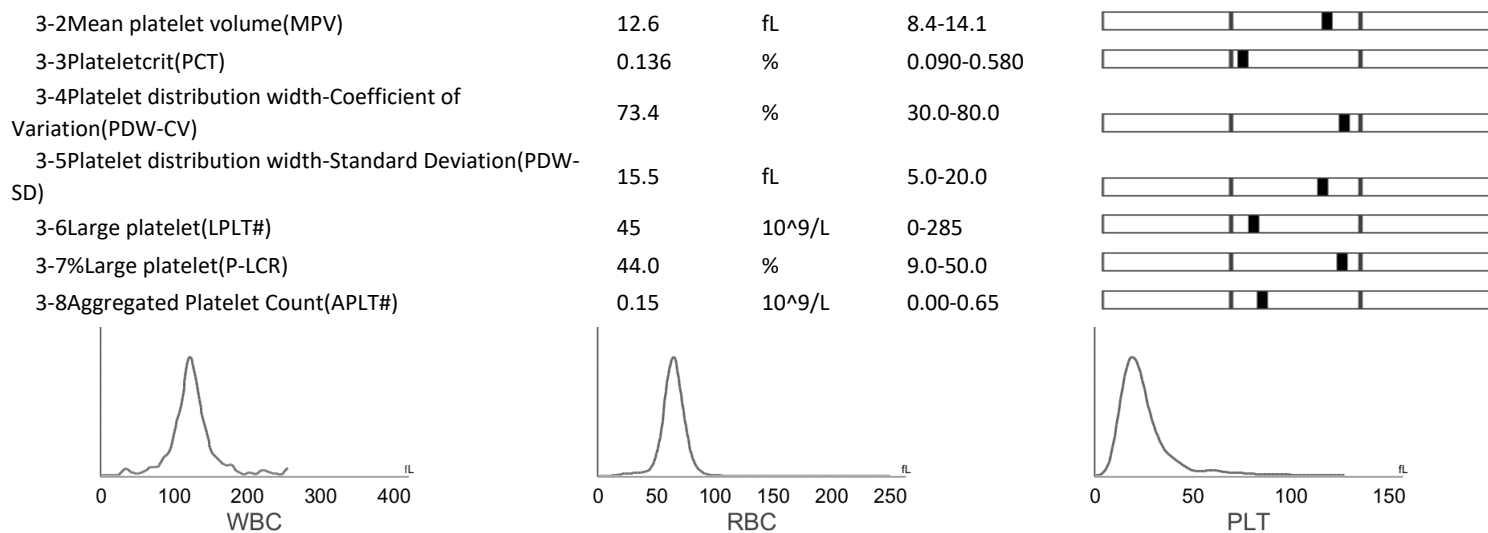


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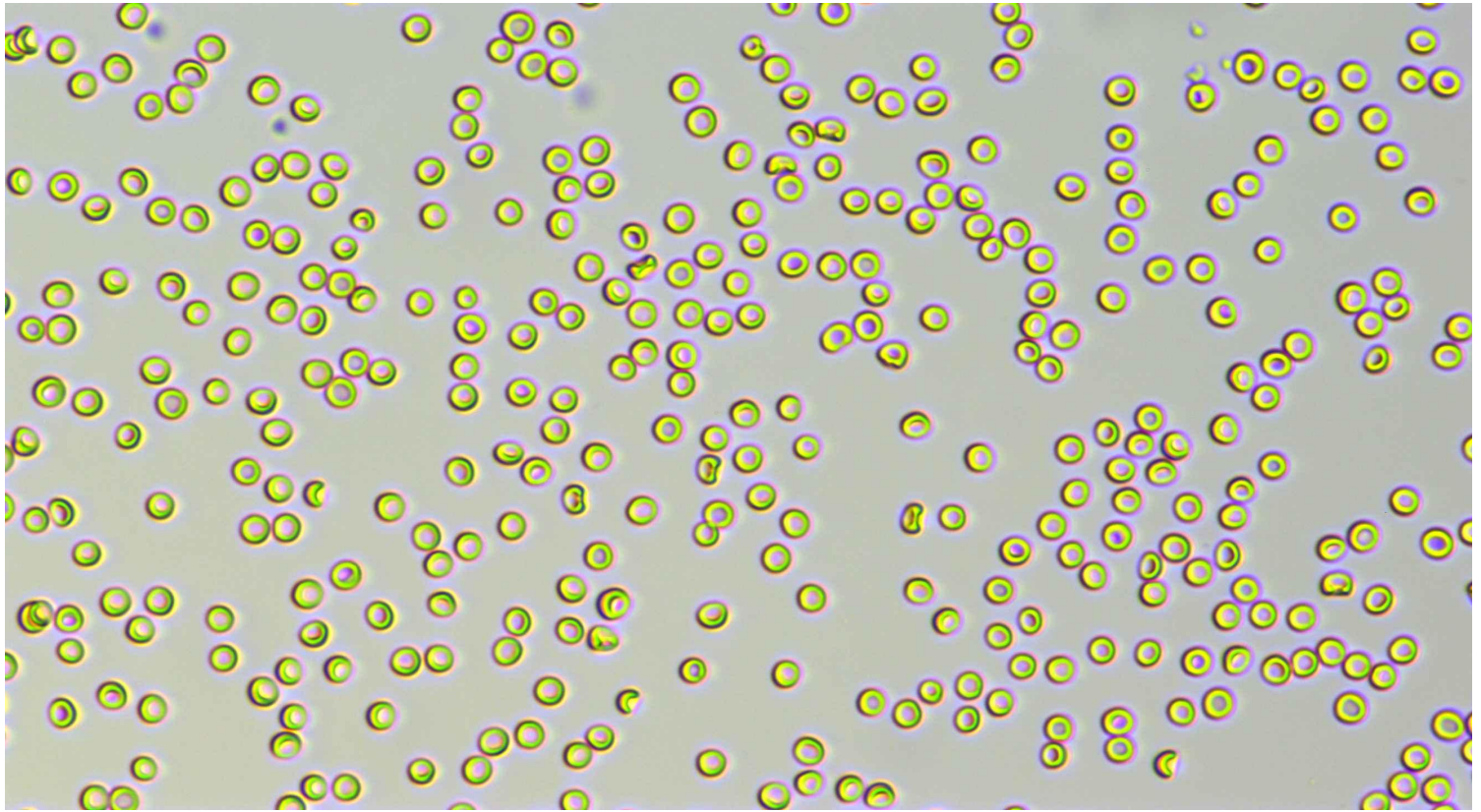
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Distribution Chart

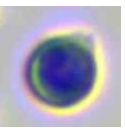
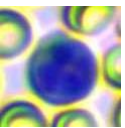
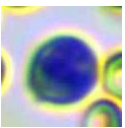
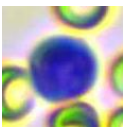
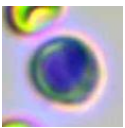
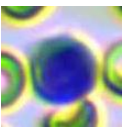
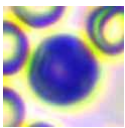
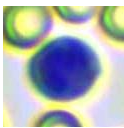
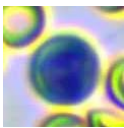
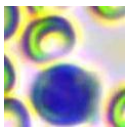


Neutrophil stab granulocytes

Count:

Concentration:

Percentage:



Neutrophil segmented granulocytes

Count: 217.0

Concentration: $3.86 \times 10^9/L$

Percentage: 74.6 Nsg#/WBC

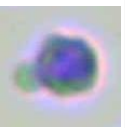
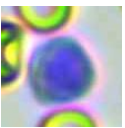
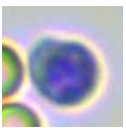
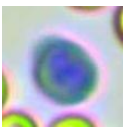
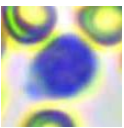
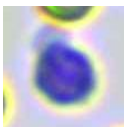
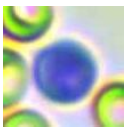
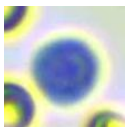
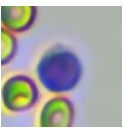


Hypersegmented neutrophils

Count:

Concentration:

Percentage:

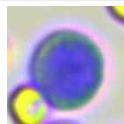
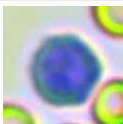
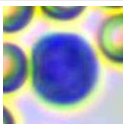
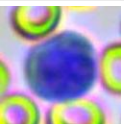
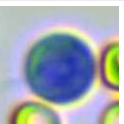
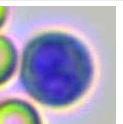
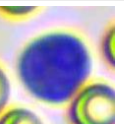
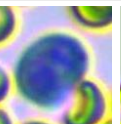
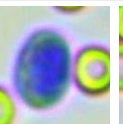
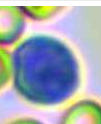


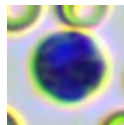
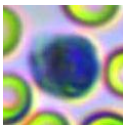
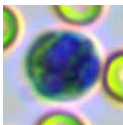
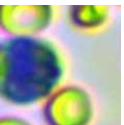
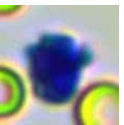
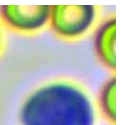
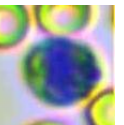
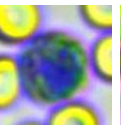
Lymphocytes

Count: 47.0

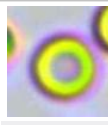
Concentration: $0.79 \times 10^9/L$

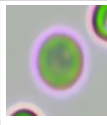
Percentage: 15.3 Lym#/WBC

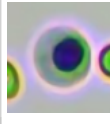
										
Monocytes	Count: 20.0	Concentration: 0.36 x 10^9/L				Percentage: 6.9 Mon#/WBC				

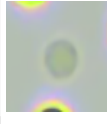
										
Eosinophils	Count: 9.0	Concentration: 0.15 x 10^9/L				Percentage: 2.9 Eos#/WBC				

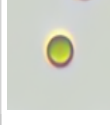
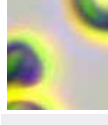
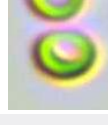
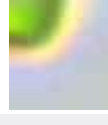
										
Basophils	Count:	Concentration:				Percentage:				

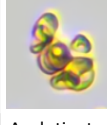
										
Normocyte	Count: 104481.0	Concentration: 5.88 x 10^12/L			Percentage: 100.0 Normocyte#/RBC					

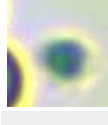
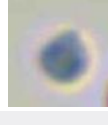
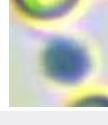
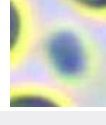
										
Reticulocytes	Count:	Concentration:				Percentage:				

										
Nucleated red blood cell	Count:	Concentration:				Percentage:				

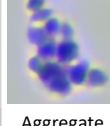
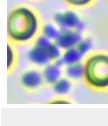
										
Erythrocyte ghost	Count:	Concentration:				Percentage:				

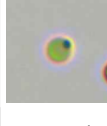
										
Spherocytes	Count: 3.0	Concentration: 0.03 x 10^9/L			Percentage: 0.00 SPH#/RBC					

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

										
Normal platelets	Count: 1950.0	Concentration: 103 x 10^9/L			Percentage: 56.0 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

Lym#	Decreased levels: It is seen in stress, Cushing's syndrome (Cushing's Syndrome) or use of glucocorticoids, lymphosarcoma, immunosuppressive drugs, and destruction of lymphoid tissue such as lymphangiectasis and lymphadenitis.
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.

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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