

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Tisay
Gender: Female
Test Number: 260902004
Sample ID:

Owner Name: Migurle Sambalilo
Age: 4Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 02/09/2026 14:11:10

Test	Result		Unit	Reference Range	Low	Normal	High
1.WBC							
1-1White blood cell count(WBC)	36.97	↑	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	29.25	↑	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.09		10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	29.16	↑	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00		10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	2.66		10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	4.51	↑	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.55		10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.00		10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	79.1		%	50.0-81.0			
1-11%Neutrophil stab granulocyte in WBC(Nst/WBC%)	0.2		%	0.0-10.0			
1-12%Neutrophil segmented granulocyte(Nsg%)	78.9	↑	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-15.5			
1-14%Lymphocytes(Lym%)	7.2	↓	%	12.0-33.0			
1-15%Monocytes(Mon%)	12.2		%	2.0-13.0			
1-16%Eosinophils(Eos%)	1.5		%	0.5-10.0			
1-17%Basophils(Bas%)	0.0		%	0.0-1.3			
1-18%Neutrophil stab granulocyte in Neu(Nst/Neu%)	0.3		%	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)	6.07		10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	154		g/L	110-190			
2-3Hematocrit(HCT)	46.7		%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	77.0		fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	25.3		pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	329		g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	14.0		%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	39.8		fL	31.2-51.7			
2-9Reticulocytes(RET#)	4.02		10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.07		%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	41.0		fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	43.1		%	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%)	0.01		%	0.00-3.00			
2-17Spherocytes(SPH#)	0.29		10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.01		%	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)	113	↓	10 ⁹ /L	117-490			

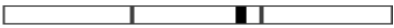
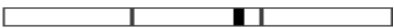
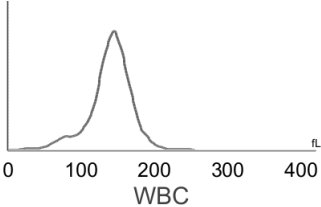
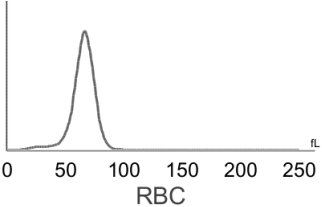
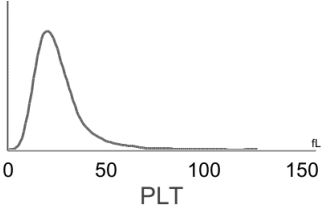


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3-2Mean platelet volume(MPV)	13.2	fL	8.4-14.1	
3-3Plateletcrit(PCT)	0.149	%	0.090-0.580	
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	75.8	%	30.0-80.0	
3-5Platelet distribution width-Standard Deviation(PDW-SD)	17.2	fL	5.0-20.0	
3-6Large platelet(LPLT#)	57	10^9/L	0-285	
3-7%Large platelet(P-LCR)	50.8	↑ %	9.0-50.0	
3-8Aggregated Platelet Count(APLT#)	1.50	↑ 10^9/L	0.00-0.65	
  				

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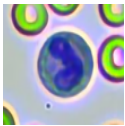
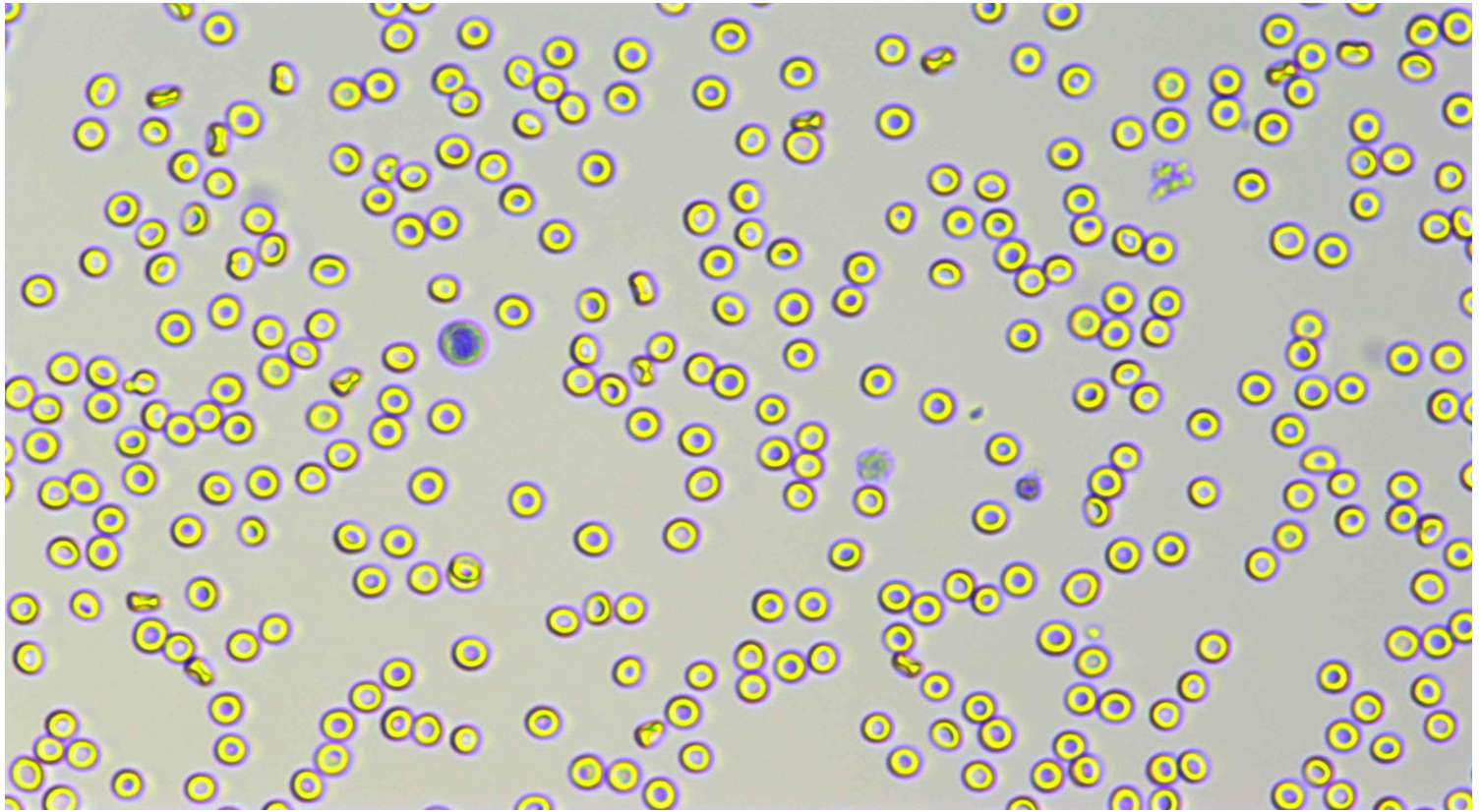
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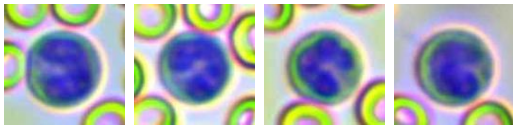
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Age: 4Y
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Distribution Chart



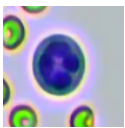
Neutrophil stab granulocytes



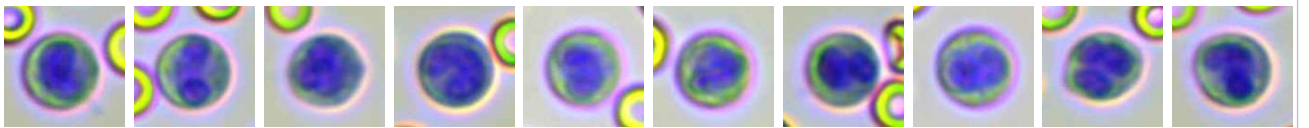
Count: 4.0

Concentration: $0.09 \times 10^9/L$

Percentage: 0.2 Nst#/WBC



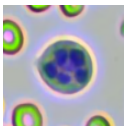
Neutrophil segmented granulocytes



Count: 1508.0

Concentration: $29.16 \times 10^9/L$

Percentage: 78.9 Nsg#/WBC



Hypersegmented neutrophils

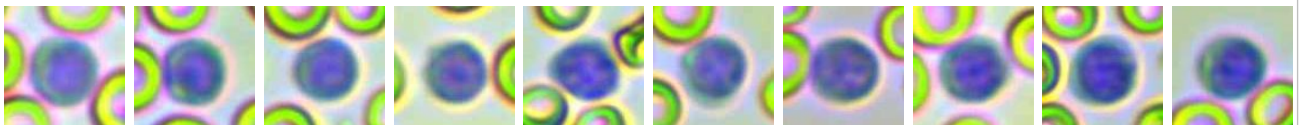
Count:

Concentration:

Percentage:



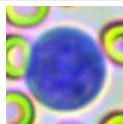
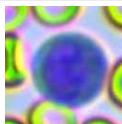
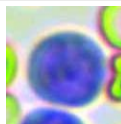
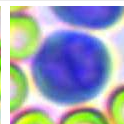
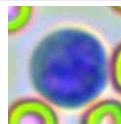
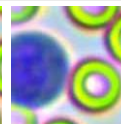
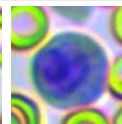
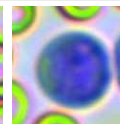
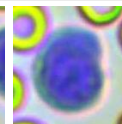
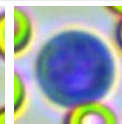
Lymphocytes

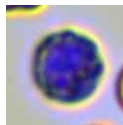
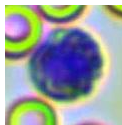
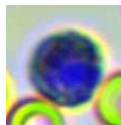
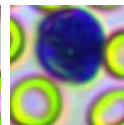
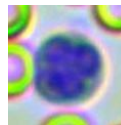
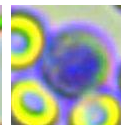
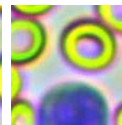
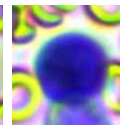
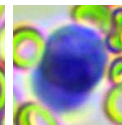
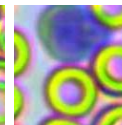


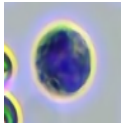
Count: 139.0

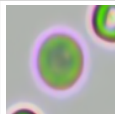
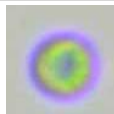
Concentration: $2.66 \times 10^9/L$

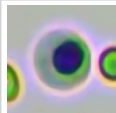
Percentage: 7.2 Lym#/WBC

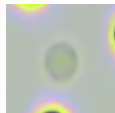
										
Monocytes	Count: 232.0		Concentration: 4.51 x 10^9/L				Percentage: 12.2 Mon#/WBC			

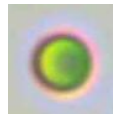
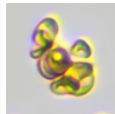
										
Eosinophils	Count: 29.0		Concentration: 0.55 x 10^9/L				Percentage: 1.5 Eos#/WBC			

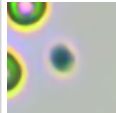
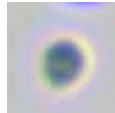
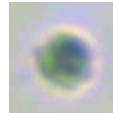
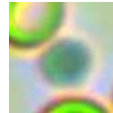
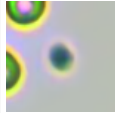
										
Basophils	Count:		Concentration:				Percentage:			

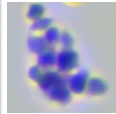
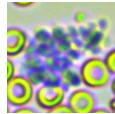
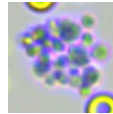
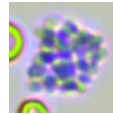
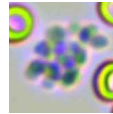
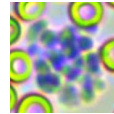
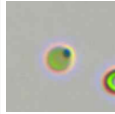
										
Normocyte	Count: 102499.0	Concentration: 6.07 x 10^12/L		Percentage: 100.0 Normocyte#/RBC		Reticulocytes	Count: 1.0	Concentration: 4.02 x 10^9/L	Percentage: 0.07 RET#/RBC	

										
Nucleated red blood cell	Count:	Concentration:		Percentage:						

										
Erythrocyte ghost	Count:	Concentration:		Percentage:						

										
Spherocytes	Count: 16.0	Concentration: 0.29 x 10^9/L		Percentage: 0.01 SPH#/RBC		Agglutinated erythrocytes	Count:	Concentration:		Percentage:

										
Normal platelets	Count: 2334.0	Concentration: 113 x 10^9/L		Percentage: 49.2 NPLT#/PLT		Large platelet	Count:	Concentration:		Percentage:

										
Aggregate platelets	Count: 10.0	Concentration: 1.50 x 10^9/L		Percentage:		Heinz Bodies	Count:	Concentration:		Percentage:

Clinical Significance

Neu#	Elevated levels: It is suggested that various acute infections, inflammations, stress reactions, some hematological diseases, toxic diseases, etc.
Nsg#	Elevated levels: It is suggested that various acute infections, inflammations, stress reactions, some hematological diseases, toxic diseases, etc.
Mon#	Elevated levels: It is suggested that chronic infectious diseases, some bacterial and viral infections, diseases with granulomatous reaction, protozoal diseases, convalescence of diseases, use of adrenocorticotrophic hormone and glucocorticoid drugs, etc. 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.
PLT	
P-LCR	Elevated levels: It is commonly seen in bone marrow reactive thrombocytopenia.

APLT#

Elevated levels: It occurs secondary to platelet activation or a combination of both during the collection and processing of peripheral blood, such as physiological platelet aggregation (common in cats), poor anticoagulation, and prolonged storage; it increases in cases of coagulation, essential thrombocythemia, and leukemia.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Ingrid Abulencia

Date Reported: 02/09/2026

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



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