

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Peanut

Gender: Male

Test Number: 260906003

Sample ID:

Owner Name: Athena Tuazon

Age: 2Y

Sample Type: Blood

Species: Canine

Patient or Visit NO.:

Time Tested: 06/09/2026 16:04:56

Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1White blood cell count(WBC)	10.52	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	7.99	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.02	10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	7.97	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00	10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	1.71	10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	0.52	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.27	10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.03	10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	75.9	%	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%)	75.7	↑ %	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0	%	0.0-15.5			
1-14%Lymphocytes(Lym%)	16.3	%	12.0-33.0			
1-15%Monocytes(Mon%)	5.0	%	2.0-13.0			
1-16%Eosinophils(Eos%)	2.5	%	0.5-10.0			
1-17%Basophils(Bas%)	0.3	%	0.0-1.3			
1-18%Neutrophil stab granulocyte in Neu(Nst/Neu%)	0.2	%	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)	8.93	↑ 10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	216	↑ g/L	110-190			
2-3Hematocrit(HCT)	60.2	↑ %	35.0-58.0			
2-4Mean corpuscular volume(MCV)	67.4	fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	24.1	pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	358	g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	13.6	%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	34.4	fL	31.2-51.7			
2-9Reticulocytes(RET#)	4.66	10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.05	%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	45.1	fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	45.4	%	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#)	0.13	10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.00	%	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)	89	↓ 10 ⁹ /L	117-490			

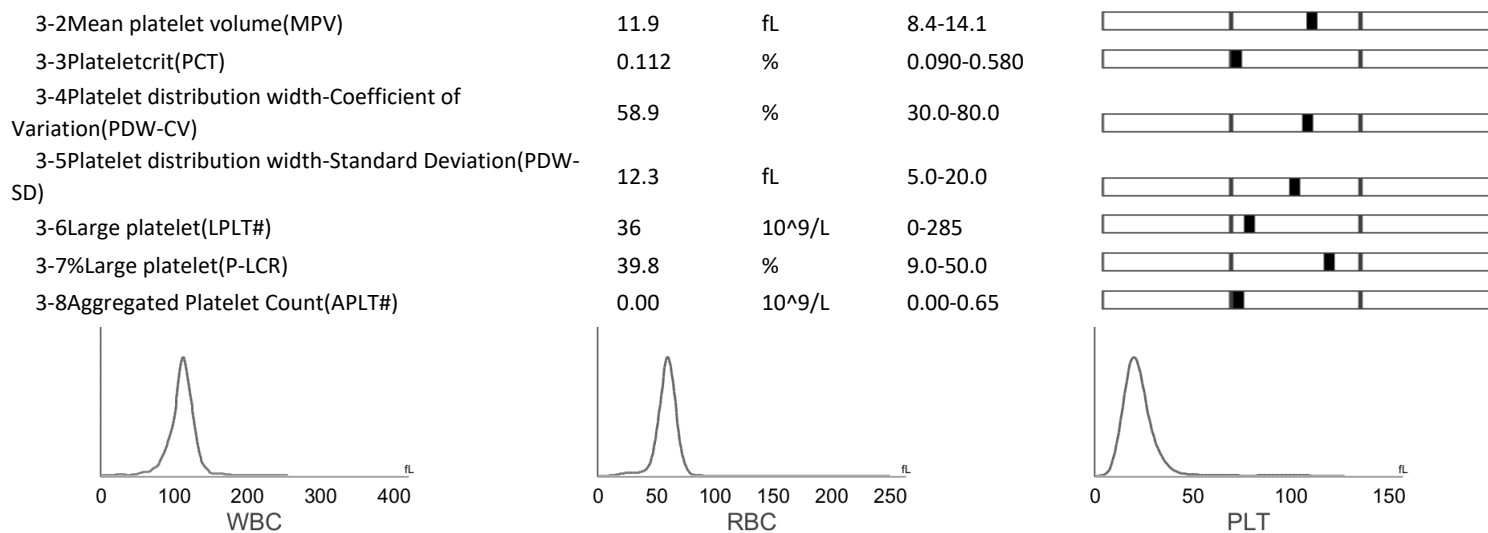


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Pet Doctors Veterinary Supplies and Services

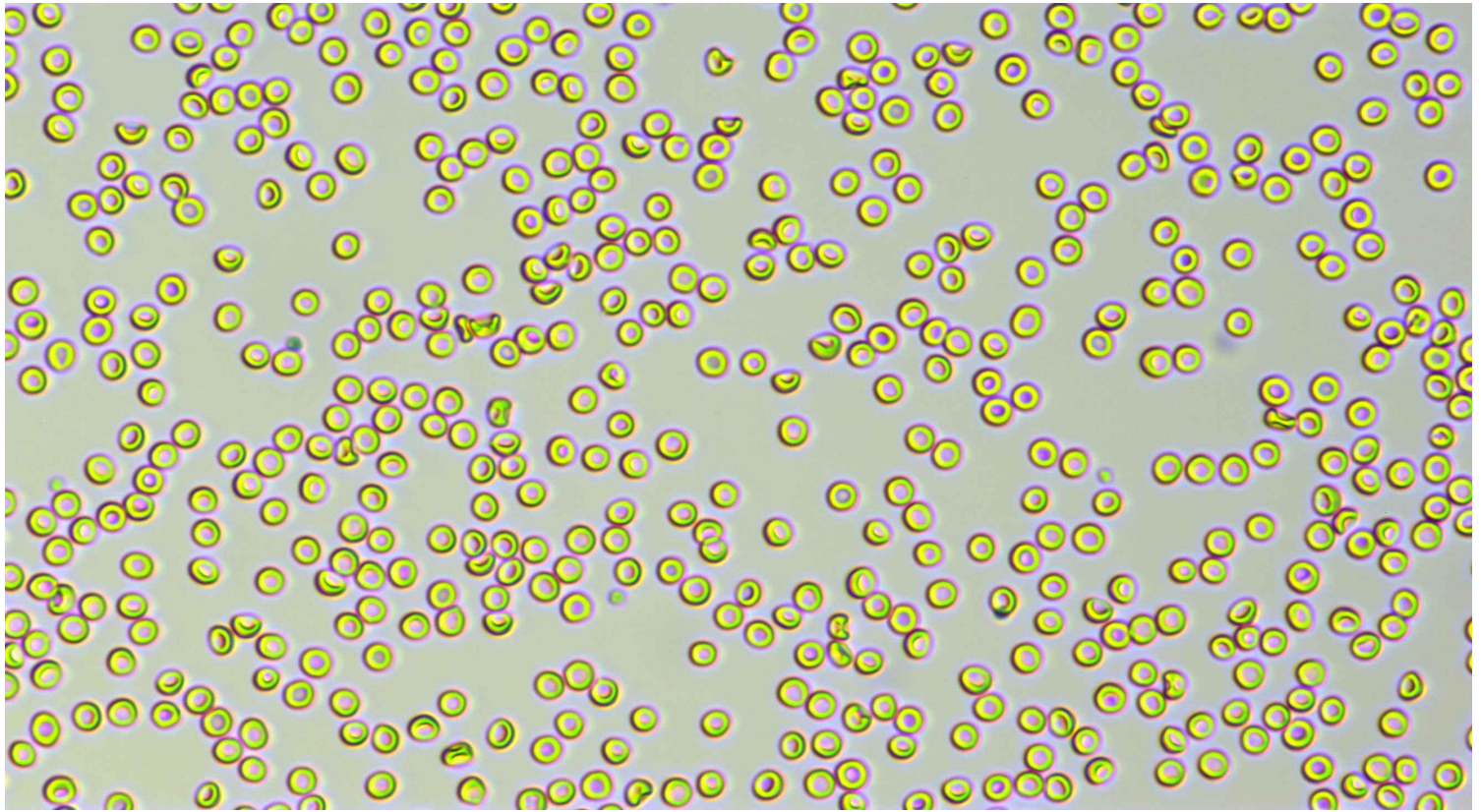
Blood Morphology Analysis Report

Pet Name: Peanut
Gender: Male
Test Number: 260906003

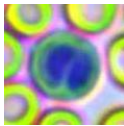
Owner Name: Athena Tuazon
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Distribution Chart



Neutrophil stab granulocytes



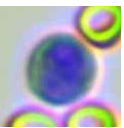
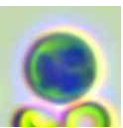
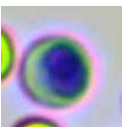
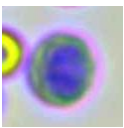
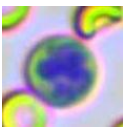
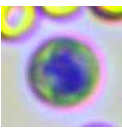
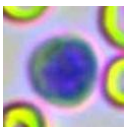
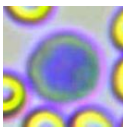
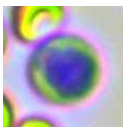
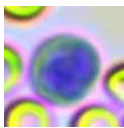
Count: 1.0

Concentration: $0.02 \times 10^9/L$

Percentage: 0.2 Nst#/WBC



Neutrophil segmented granulocytes



Count: 436.0

Concentration: $7.97 \times 10^9/L$

Percentage: 75.7 Nsg#/WBC

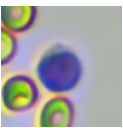


Hypersegmented neutrophils

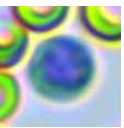
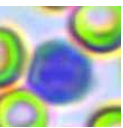
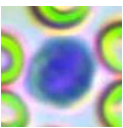
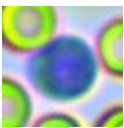
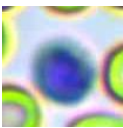
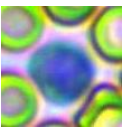
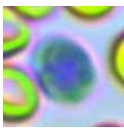
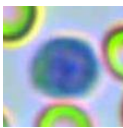
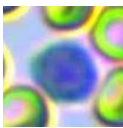
Count:

Concentration:

Percentage:



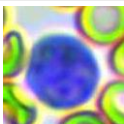
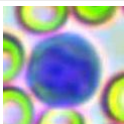
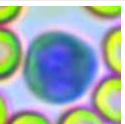
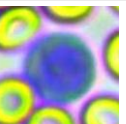
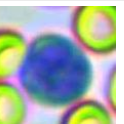
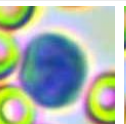
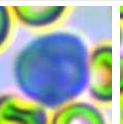
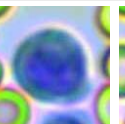
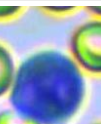
Lymphocytes

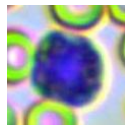
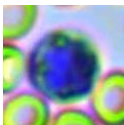
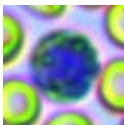
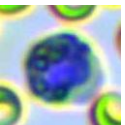
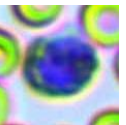
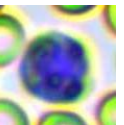
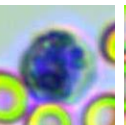
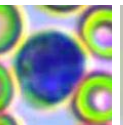
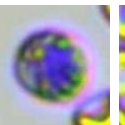
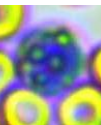


Count: 97.0

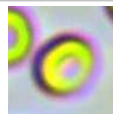
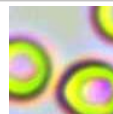
Concentration: $1.71 \times 10^9/L$

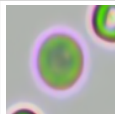
Percentage: 16.3 Lym#/WBC

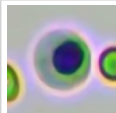
										
Monocytes	Count: 32.0		Concentration: 0.52 x 10^9/L				Percentage: 5.0 Mon#/WBC			

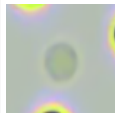
										
Eosinophils	Count: 15.0		Concentration: 0.27 x 10^9/L				Percentage: 2.5 Eos#/WBC			

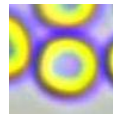
										
Basophils	Count:		Concentration:				Percentage:			

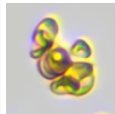
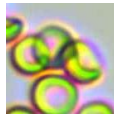
															
Normocyte	Count: 158555.0	Concentration: 8.93 x 10^12/L		Percentage: 100.0 Normocyte#/RBC											

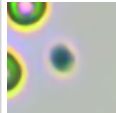
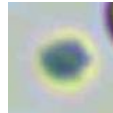
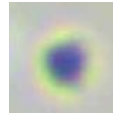
			
Reticulocytes	Count:	Concentration:	Percentage:

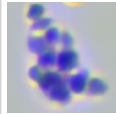
			
Nucleated red blood cell	Count:	Concentration:	Percentage:

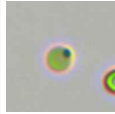
			
Erythrocyte ghost	Count:	Concentration:	Percentage:

															
Spherocytes	Count: 7.0	Concentration: 0.13 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: 1753.0	Concentration: 89 x 10^9/L		Percentage: 60.2 NPLT#/PLT											

										
Aggregate platelets	Count:	Concentration:		Percentage:						

			
Heinz Bodies	Count:	Concentration:	Percentage:

Clinical Significance

RBC

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.

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.

HCT

Elevated levels:It is commonly seen in dehydration, use of catecholamines, diseases related to compensatory or pathological increase of erythropoietin, hyperadrenocorticism, hyperthyroidism, acromegaly, etc.



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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. Mikaela Rabino

Date Reported: 07/09/2026

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



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