Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Horton
Owner Name: Isabel Grace De Guzm
Species: Canine
Gender:Male
Age:
Patient or Visit NO.:
Test Number: 261016003
Sample Type: Blood
Time Tested: 16/10/2026 18:15:47
Sample ID:

Test	Result		Unit	Reference Range	Low | Normal | High
1.WBC					
1-1White blood cell count(WBC)	15.66		10^9/L	6.00-17.00	
1-2Neutrophils(Neu#)	12.56	↑	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#)	12.56	↑	10^9/L	2.30-11.50	
1-5Hypersegmented neutrophils(Nsh#)	0.00		10^9/L	0.00-3.50	
1-6Lymphocytes(Lym#)	1.66		10^9/L	0.83-4.91	
1-7Monocytes(Mon#)	0.55		10^9/L	0.14-1.97	
1-8Eosinophils(Eos#)	0.86		10^9/L	0.04-1.62	
1-9Basophils(Bas#)	0.02		10^9/L	0.00-0.12	
1-10%Neutrophils(Neu%)	80.3		%	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%)	80.3	↑	%	48.0-70.0	
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-15.5	
1-14%Lymphocytes(Lym%)	10.6	↓	%	12.0-33.0	
1-15%Monocytes(Mon%)	3.5		%	2.0-13.0	
1-16%Eosinophils(Eos%)	5.5		%	0.5-10.0	
1-17%Basophils(Bas%)	0.1		%	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)	10.91	↑	10^12/L	5.10-8.50	
2-2Hemoglobin concentration(HGB)	268	↑	g/L	110-190	
2-3Hematocrit(HCT)	75.5	↑	%	35.0-58.0	
2-4Mean corpuscular volume(MCV)	69.2		fL	55.0-83.0	
2-5Mean corpuscular hemoglobin(MCH)	24.6		pg	18.0-31.0	
2-6Mean corpuscular hemoglobin concentration(MCHC)	355		g/L	260-430	
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	16.6		%	11.2-21.3	
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	42.4		fL	31.2-51.7	
2-9Reticulocytes(RET#)	6.07		10^9/L	3.00-45.00	
2-10%Reticulocytes(RET%)	0.06		%	0.00-1.00	
2-11Mean reticulocyte volume(MCVr)	41.4		fL	30.0-120.0	
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	49.6		%	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%)	0.01		%	0.00-3.00	
2-17Spherocytes(SPH#)	0.18		10^9/L	0.00-150.00	
2-18%Spherocytes(SPH%)	0.00		%	0.00-2.00	
2-19Agglutinated erythrocytes(AGG#)	0.25		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)	110	↓	10^9/L	117-490	

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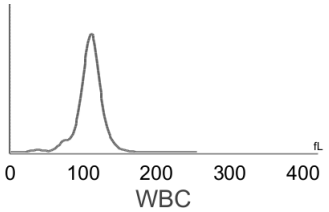
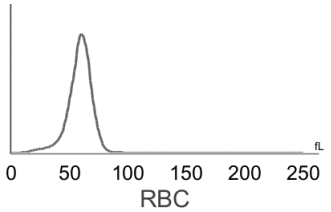
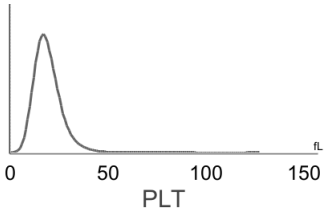
3-2Mean platelet volume(MPV)	10.6	fL	8.4-14.1
3-3Plateletcrit(PCT)	0.123	%	0.090-0.580
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	64.6	%	30.0-80.0
3-5Platelet distribution width-Standard Deviation(PDW-SD)	11.8	fL	5.0-20.0
3-6Large platelet(LPLT#)	43	10^9/L	0-285
3-7%Large platelet(P-LCR)	39.6	%	9.0-50.0
3-8Aggregated Platelet Count(APLT#)	0.00	10^9/L	0.00-0.65







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Blood Morphology Analysis Report

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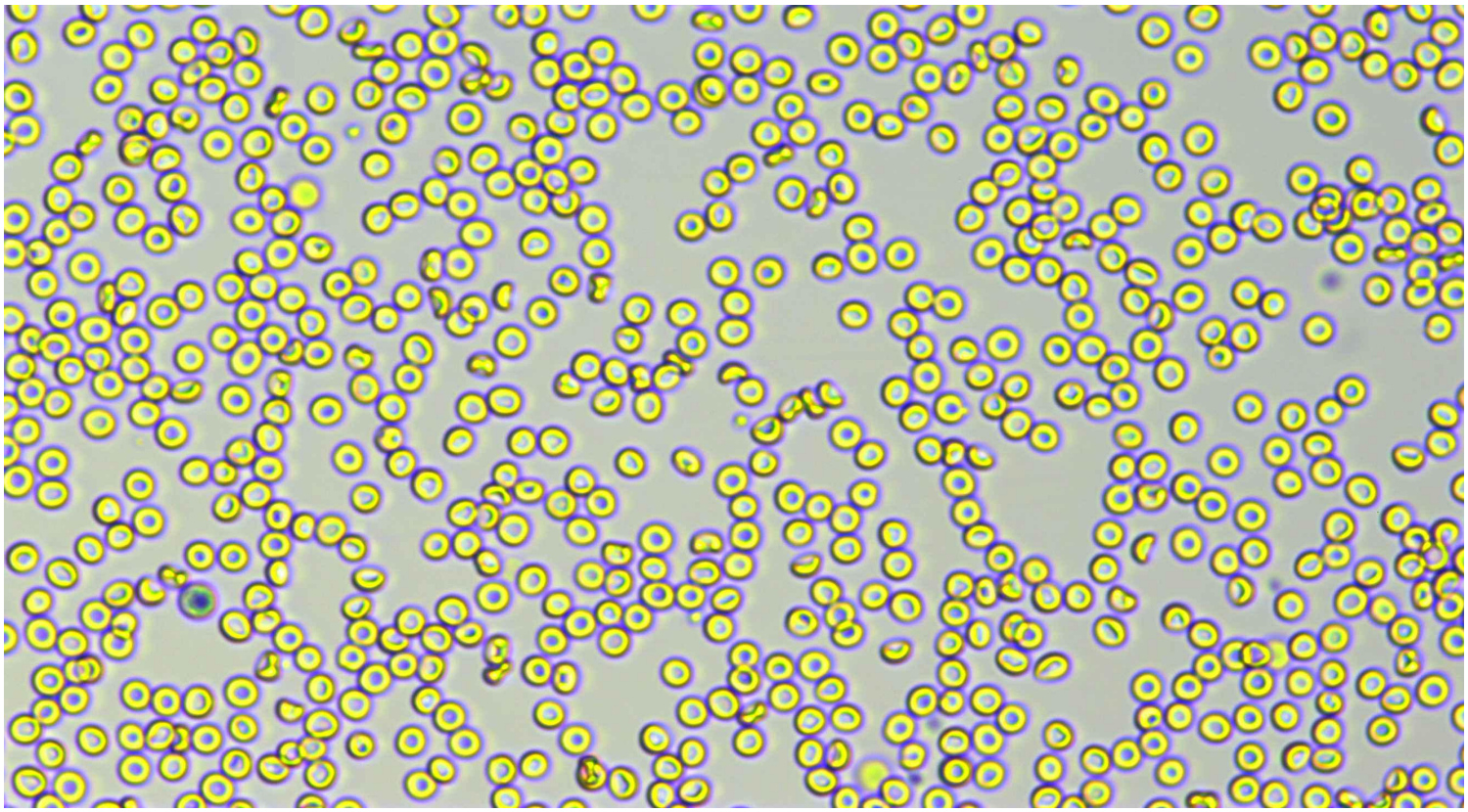
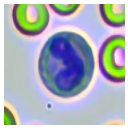
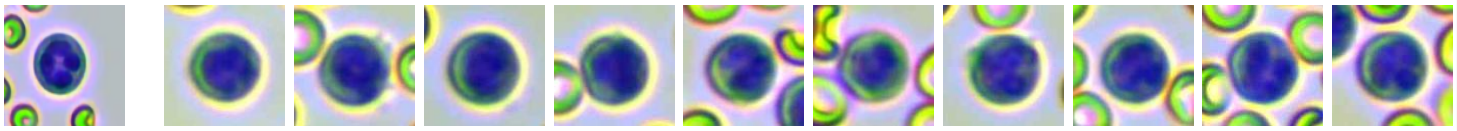
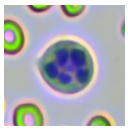
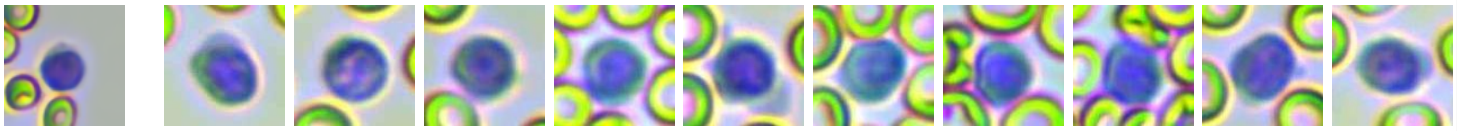
Gender:Male	Age:	Patient or Visit NO.:
Test Number: 261016003	Sample Type: Blood	Time Tested: 16/10/2026 18:15:47

Distribution Chart



 Neutrophil stab granulocytes	Count:	Concentration:	Percentage:
 Neutrophil segmented granulocytes	Count: 691.0	Concentration: 12.56 x 10^9/L	Percentage: 80.3 Nsg#/WBC
 Hypersegmented neutrophils	Count:	Concentration:	Percentage:
 Lymphocytes	Count: 94.0	Concentration: 1.66 x 10^9/L	Percentage: 10.6 Lym#/WBC

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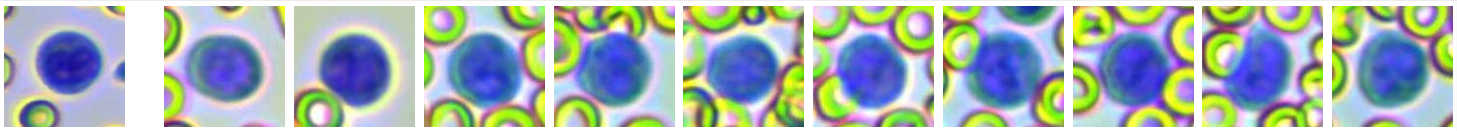
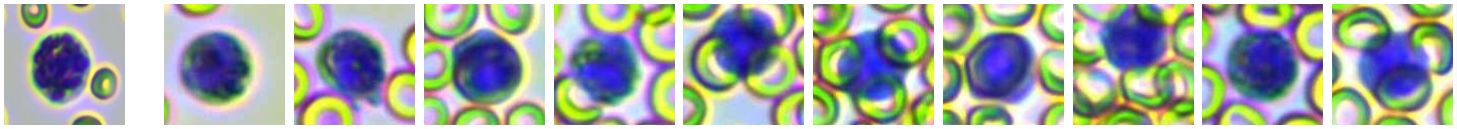
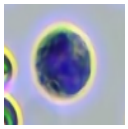


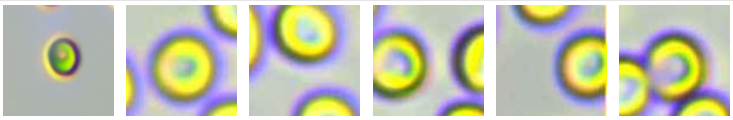
Monocytes	Count: 30.0	Concentration: 0.55 x 10^9/L	Percentage: 3.5 Mon#/WBC



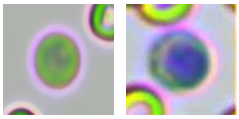
Eosinophils	Count: 51.0	Concentration: 0.86 x 10^9/L	Percentage: 5.5 Eos#/WBC



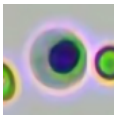
Basophils	Count:	Concentration:	Percentage:



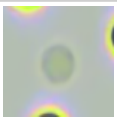
Normocyte	Count: 193525.0	Concentration: 10.91 x 10^12/L	Percentage：100.0 Normocyte#/RBC



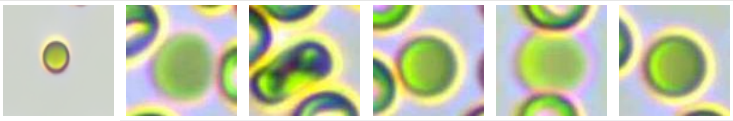
Reticulocytes	Count: 1.0	Concentration: 6.07 x 10^9/L	Percentage: 0.06 RET#/RBC



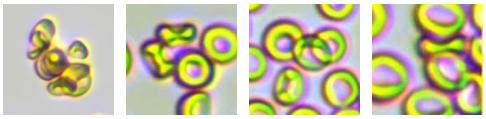
Nucleated red blood cell	Count:	Concentration:	Percentage：



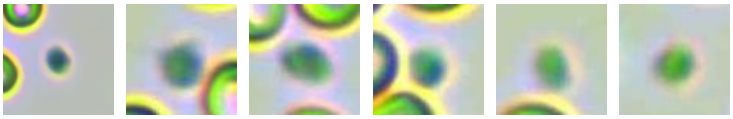
Erythrocyte ghost	Count:	Concentration:	Percentage:



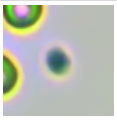
Spherocytes	Count: 13.0	Concentration: 0.18 x 10^9/L	Percentage： 0.00 SPH#/RBC



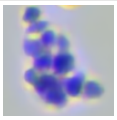
Agglutinated erythrocytes	Count: 3.0	Concentration: 0.25 x 10^9/L	Percentage:



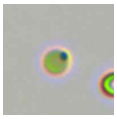
Normal platelets	Count: 1876.0	Concentration: 110 x 10^9/L	Percentage： 60.4 NPLT#/PLT



Large platelet	Count:	Concentration:	Percentage:



Aggregate platelets	Count:	Concentration:	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.
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.

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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.
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: n/a

Attending Veterinarian: Dr. Marian Grace Wanagen Date Reported: 16/10/2026

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