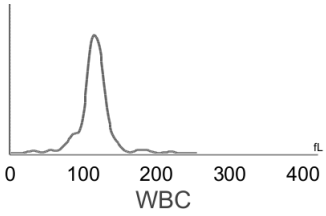
Pet Doctors Veterinary Supplies and Services

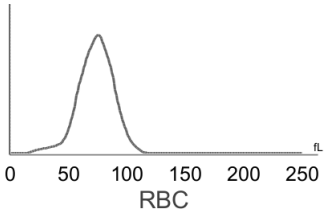
Blood Morphology Analysis Report

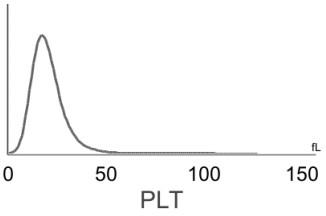
Pet Name: Ryo	Owner Name: Heidee Bautista	Species: Canine
Gender:Male	Age:4M	Patient or Visit NO.:
Sample ID: 260719004	Sample Type: Blood	Time Tested: 19/07/2026 17:27:25

Test	Result		Unit	Reference Range	Low | Normal | High
1.WBC					
1-1White blood cell count(WBC)	9.08		10^9/L	6.00-17.00	
1-2Neutrophils(Neu#)	6.42		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#)	6.42		10^9/L	2.30-11.50	
1-5Hypersegmented neutrophils(Nsh#)	0.00		10^9/L	0.00-3.50	
1-6Lymphocytes(Lym#)	1.91		10^9/L	0.83-4.91	
1-7Monocytes(Mon#)	0.72		10^9/L	0.14-1.97	
1-8Eosinophils(Eos#)	0.02	↓	10^9/L	0.04-1.62	
1-9Basophils(Bas#)	0.01		10^9/L	0.00-0.12	
1-10%Neutrophils(Neu%)	70.8		%	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%)	70.8	↑	%	48.0-70.0	
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-15.5	
1-14%Lymphocytes(Lym%)	21.0		%	12.0-33.0	
1-15%Monocytes(Mon%)	7.9		%	2.0-13.0	
1-16%Eosinophils(Eos%)	0.2	↓	%	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)	3.87	↓	10^12/L	5.10-8.50	
2-2Hemoglobin concentration(HGB)	108	↓	g/L	110-190	
2-3Hematocrit(HCT)	32.6	↓	%	35.0-58.0	
2-4Mean corpuscular volume(MCV)	84.4	↑	fL	55.0-83.0	
2-5Mean corpuscular hemoglobin(MCH)	27.9		pg	18.0-31.0	
2-6Mean corpuscular hemoglobin concentration(MCHC)	330		g/L	260-430	
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	22.4	↑	%	11.2-21.3	
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	70.8	↑	fL	31.2-51.7	
2-9Reticulocytes(RET#)	16.51		10^9/L	3.00-45.00	
2-10%Reticulocytes(RET%)	0.43		%	0.00-1.00	
2-11Mean reticulocyte volume(MCVr)	49.0		fL	30.0-120.0	
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	45.3		%	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%)	0.06		%	0.00-3.00	
2-17Spherocytes(SPH#)	2.13		10^9/L	0.00-150.00	
2-18%Spherocytes(SPH%)	0.06		%	0.00-2.00	
2-19Agglutinated erythrocytes(AGG#)	0.09		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)	531	↑	10^9/L	117-490	
3-2Mean platelet volume(MPV)	11.1		fL	8.4-14.1	

3-3Plateletcrit(PCT)	0.591	↑	%	0.090-0.580
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	70.9		%	30.0-80.0
3-5Platelet distribution width-Standard Deviation(PDW-SD)	13.4		fL	5.0-20.0
3-6Large platelet(LPLT#)	169		10^9/L	0-285
3-7%Large platelet(P-LCR)	31.9		%	9.0-50.0







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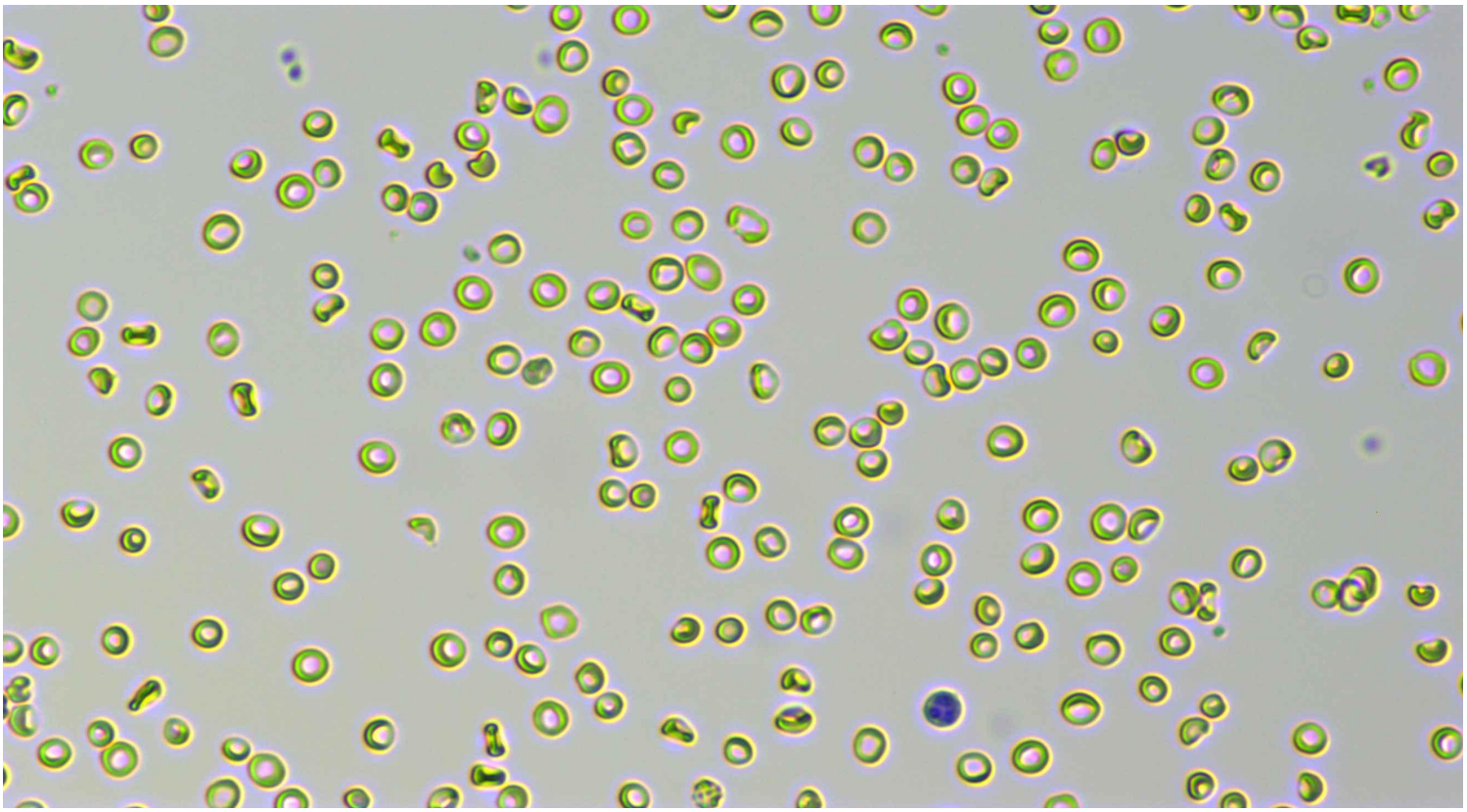
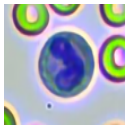
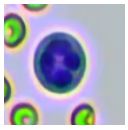
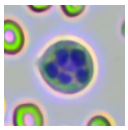
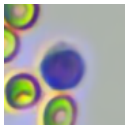
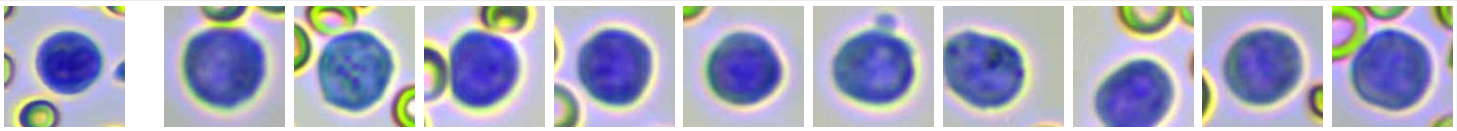
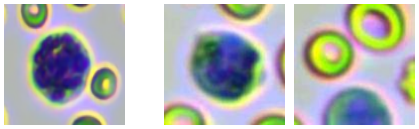
Distribution Chart



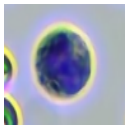
 Neutrophil stab granulocytes	Count:	Concentration:	Percentage:
 Neutrophil segmented granulocytes	Count: 343.0	Concentration: 6.42 x 10^9/L	Percentage: 70.8 Nsg#/WBC
 Hypersegmented neutrophils	Count:	Concentration:	Percentage:
 Lymphocytes	Count: 103.0	Concentration: 1.91 x 10^9/L	Percentage: 21.0 Lym#/WBC



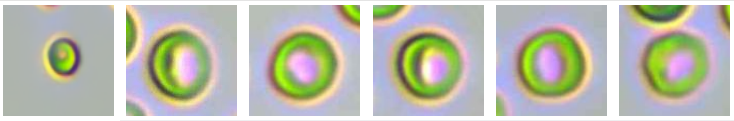
Monocytes	Count: 36.0	Concentration: 0.72 x 10^9/L	Percentage: 7.9 Mon#/WBC



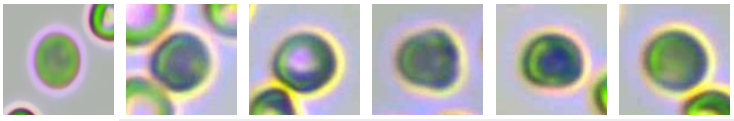
Eosinophils	Count: 2.0	Concentration: 0.02 x 10^9/L	Percentage: 0.2 Eos#/WBC



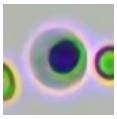
Basophils	Count:	Concentration:	Percentage:



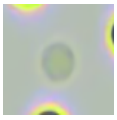
Normocyte	Count: 64811.0	Concentration: 3.87 x 10^12/L	Percentage：99.7 Normocyte#/RBC



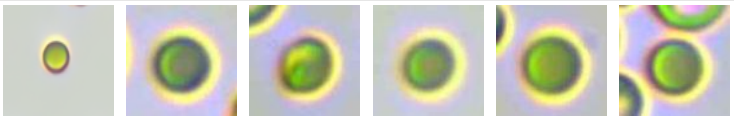
Reticulocytes	Count: 113.0	Concentration: 16.51 x 10^9/L	Percentage: 0.43 RET#/RBC



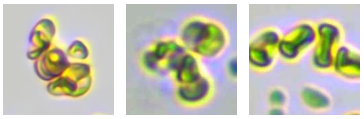
Nucleated red blood cell	Count:	Concentration:	Percentage：



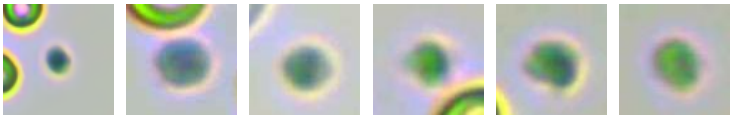
Erythrocyte ghost	Count:	Concentration:	Percentage:



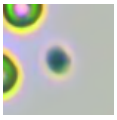
Spherocytes	Count: 127.0	Concentration: 2.13 x 10^9/L	Percentage：0.06 SPH#/RBC



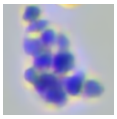
Agglutinated erythrocytes	Count: 2.0	Concentration: 0.09 x 10^9/L	Percentage:



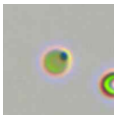
Normal platelets	Count: 9445.0	Concentration: 531 x 10^9/L	Percentage：68.1 NPLT#/PLT



Large platelet	Count:	Concentration:	Percentage:



Aggregate platelets	Count:	Concentration:	Percentage：



Heinz Bodies	Count:	Concentration:	Percentage:

Clinical Significance

RBC	**Decreased levels:**Common of all kinds is urgent, chronic and haemorrhagic anaemia, if ulcer, tumor, operation; and the haemolytic anaemia that helminth infection, autoimmunity haemolysis causes; the nutrition sex anaemia that hidebound causes; the aplastic anaemia that toxic, immune disease, endocrine is maladjusted cause.
HGB	**Decreased levels:**It is common in anemia caused by various reasons, such as hemolytic anemia, blood loss and anemia caused by parasitic infection.
HCT	**Decreased levels:**It is common in anemia caused by various reasons.
MCV	**Elevated levels:**High values indicate that red blood cells are too large, which is seen in anemia and macrocytosis due to lack of vitamin B12 and folic acid.
RDW-CV	**Elevated levels:**It means that the size of red blood cells is not uniform, which can be used as a reference for the diagnosis of anemia.
RDW-SD	**Elevated levels:**It means that the size of red blood cells is not uniform, which can be used as a reference for the diagnosis of anemia.

PLT	**Elevated levels:**Most of them are physiological or secondary, rarely seen in primary. The former is commonly seen in tumors, gastrointestinal diseases such as pancreatitis, hepatitis, inflammatory bowel disease (IBD), colitis, immune-mediated diseases, blood loss/bleeding from various causes, fractures, use of glucocorticoids or antineoplastic drugs, dogs after splenectomy, exercise or injection of epinephrine, etc.; the latter is rarely seen in myeloproliferative diseases.
PCT	**Elevated levels:**Indicating an increase in platelets or large platelets.

Veterinary Technician: not specified
Attending Veterinarian: Dr. John Paul Landingin Date Reported: 19/07/2026

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