

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Kiwie
Gender: Male
Sample ID: 260821001

Owner Name: Cristine Tamayao
Age: 3Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 21/08/2026 12:17:31

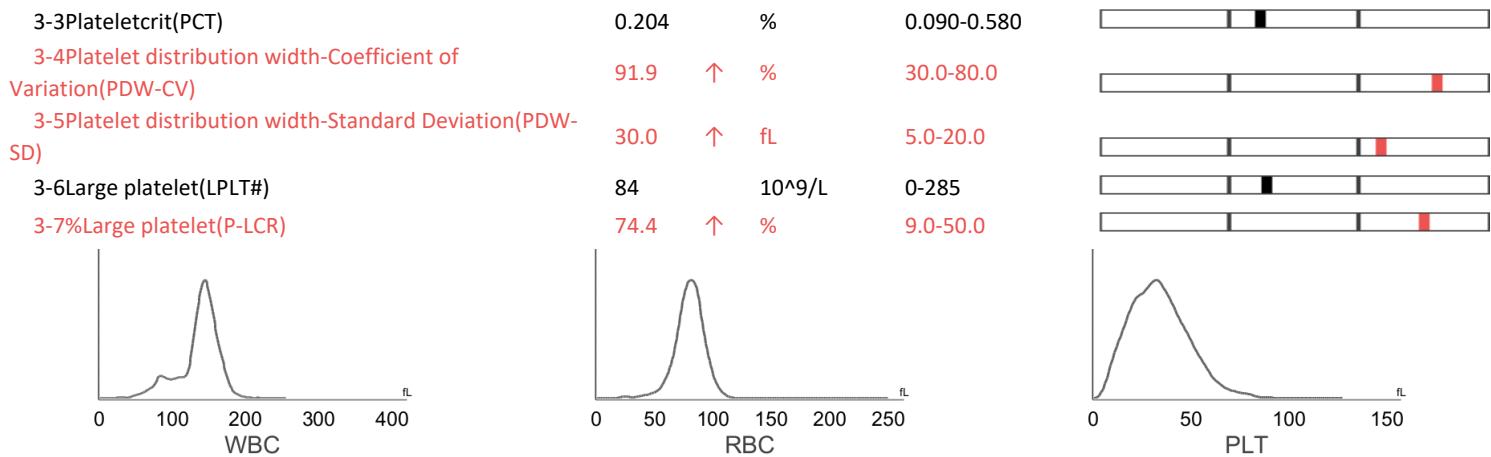
Test	Result		Unit	Reference Range	Low	Normal	High
1.WBC							
1-1White blood cell count(WBC)	20.43	↑	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	14.98	↑	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.00		10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	14.98	↑	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00		10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	2.61		10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	2.82	↑	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.02	↓	10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.00		10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	73.3		%	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%)	73.3	↑	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-15.5			
1-14%Lymphocytes(Lym%)	12.8		%	12.0-33.0			
1-15%Monocytes(Mon%)	13.8	↑	%	2.0-13.0			
1-16%Eosinophils(Eos%)	0.1	↓	%	0.5-10.0			
1-17%Basophils(Bas%)	0.0		%	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)	1.11	↓	10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	33	↓	g/L	110-190			
2-3Hematocrit(HCT)	11.6	↓	%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	104.0	↑	fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	30.1		pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	290		g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	16.2		%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	56.0	↑	fL	31.2-51.7			
2-9Reticulocytes(RET#)	14.73		10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	1.32	↑	%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	47.7		fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	42.2		%	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%)	0.16		%	0.00-3.00			
2-17Spherocytes(SPH#)	0.30		10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.03		%	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			
3-2Mean platelet volume(MPV)	17.1	↑	fL	8.4-14.1			



Hospital Tel: +639171533903

Hospital Add: McArthur Highway, San Miguel, Calasiao, Pangasinan





Pet Doctors Veterinary Supplies and Services

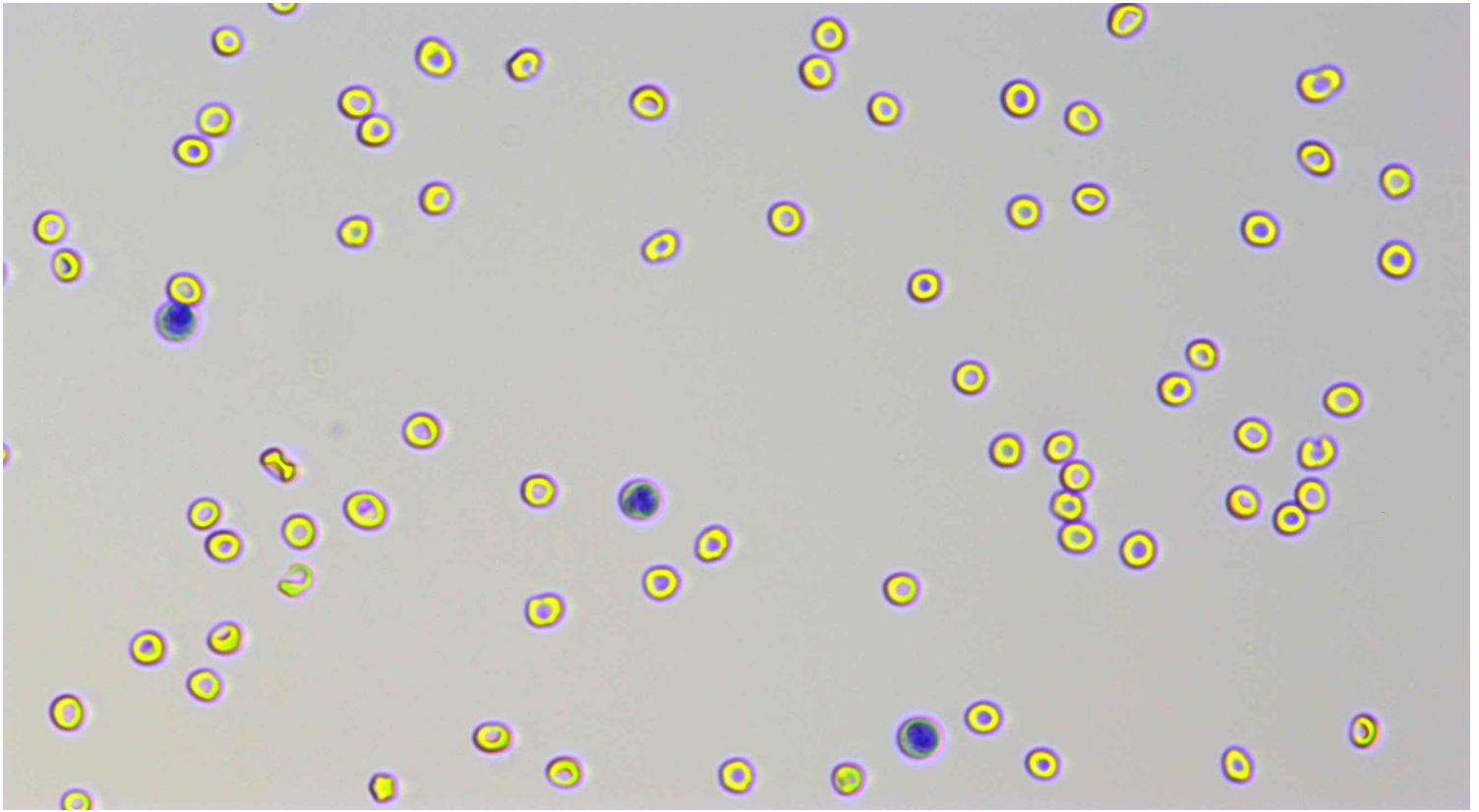
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Distribution Chart



Neutrophil stab granulocytes

Count:

Concentration:

Percentage:

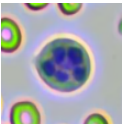


Neutrophil segmented granulocytes

Count: 823.0

Concentration: $14.98 \times 10^9/L$

Percentage: 73.3 Nsg#/WBC

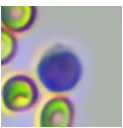


Hypersegmented neutrophils

Count:

Concentration:

Percentage:

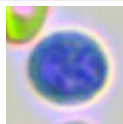
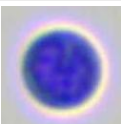
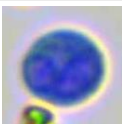
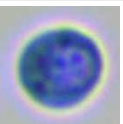
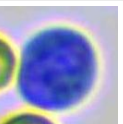
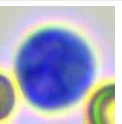
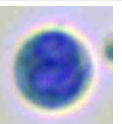
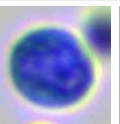
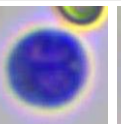
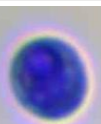


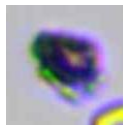
Lymphocytes

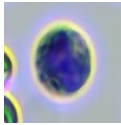
Count: 142.0

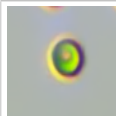
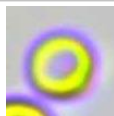
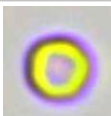
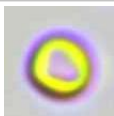
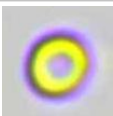
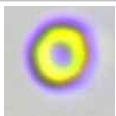
Concentration: $2.61 \times 10^9/L$

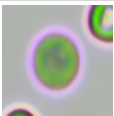
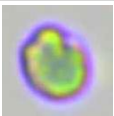
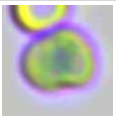
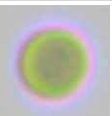
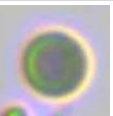
Percentage: 12.8 Lym#/WBC

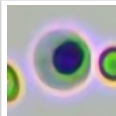
										
Monocytes	Count: 152.0		Concentration: 2.82 x 10^9/L				Percentage: 13.8 Mon#/WBC			

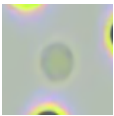
			
Eosinophils	Count: 1.0	Concentration: 0.02 x 10^9/L	Percentage: 0.1 Eos#/WBC

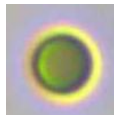
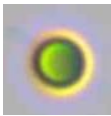
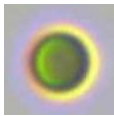
			
Basophils	Count:	Concentration:	Percentage:

					
Normocyte	Count: 19583.0	Concentration: 1.11 x 10^12/L	Percentage: 99.1 Normocyte#/RBC		

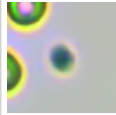
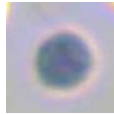
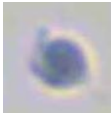
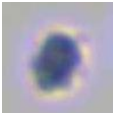
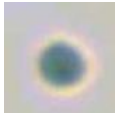
					
Reticulocytes	Count: 141.0	Concentration: 14.73 x 10^9/L	Percentage: 1.32 RET#/RBC		

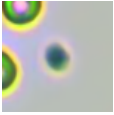
			
Nucleated red blood cell	Count:	Concentration:	Percentage:

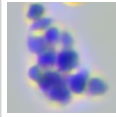
			
Erythrocyte ghost	Count:	Concentration:	Percentage:

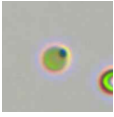
					
Spherocytes	Count: 17.0	Concentration: 0.30 x 10^9/L	Percentage: 0.03 SPH#/RBC		

			
Agglutinated erythrocytes	Count:	Concentration:	Percentage:

					
Normal platelets	Count: 2928.0	Concentration: 113 x 10^9/L	Percentage: 25.6 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.
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.
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-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	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.
MPV	Elevated levels: It is common in reactive platelet production after blood loss, secondary platelet destruction, myeloproliferative diseases, hyperthyroidism and so on.
PDW-CV	Elevated levels: It suggests that the platelet size is not uniform.
PDW-SD	Elevated levels: It suggests that the platelet size is not uniform.
P-LCR	Elevated levels: It is commonly seen in bone marrow reactive thrombocytopenia.

Veterinary Technician: not specified
Attending Veterinarian: Dr. Ricardo Valdez

Date Reported: 21/08/2026

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