

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Pao Pao
Gender: Male
Sample ID: 260801008

Owner Name: King Cornel
Age: 3M
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 01/08/2026 16:12:04

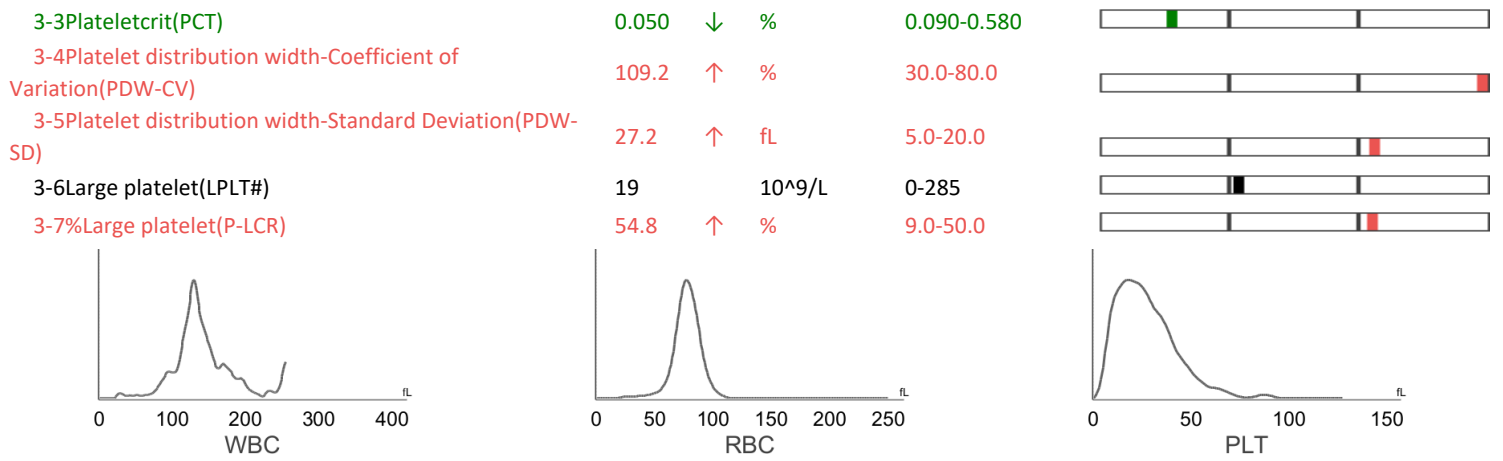
Test	Result		Unit	Reference Range	Low	Normal	High
1.WBC							
1-1White blood cell count(WBC)	3.22	↓	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	1.37	↓	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.00		10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	1.37	↓	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00		10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	1.23		10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	0.60		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%)	42.6	↓	%	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%)	42.6	↓	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-15.5			
1-14%Lymphocytes(Lym%)	38.2	↑	%	12.0-33.0			
1-15%Monocytes(Mon%)	18.5	↑	%	2.0-13.0			
1-16%Eosinophils(Eos%)	0.6		%	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)	1.74	↓	10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	50	↓	g/L	110-190			
2-3Hematocrit(HCT)	16.6	↓	%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	95.6	↑	fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	28.8		pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	301		g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	14.4		%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	48.2		fL	31.2-51.7			
2-9Reticulocytes(RET#)	10.85		10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.62		%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	48.3		fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	41.6		%	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#)	0.19		10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.01		%	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)	36	↓	10 ⁹ /L	117-490			
3-2Mean platelet volume(MPV)	14.0		fL	8.4-14.1			



Hospital Tel: +639171533903

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





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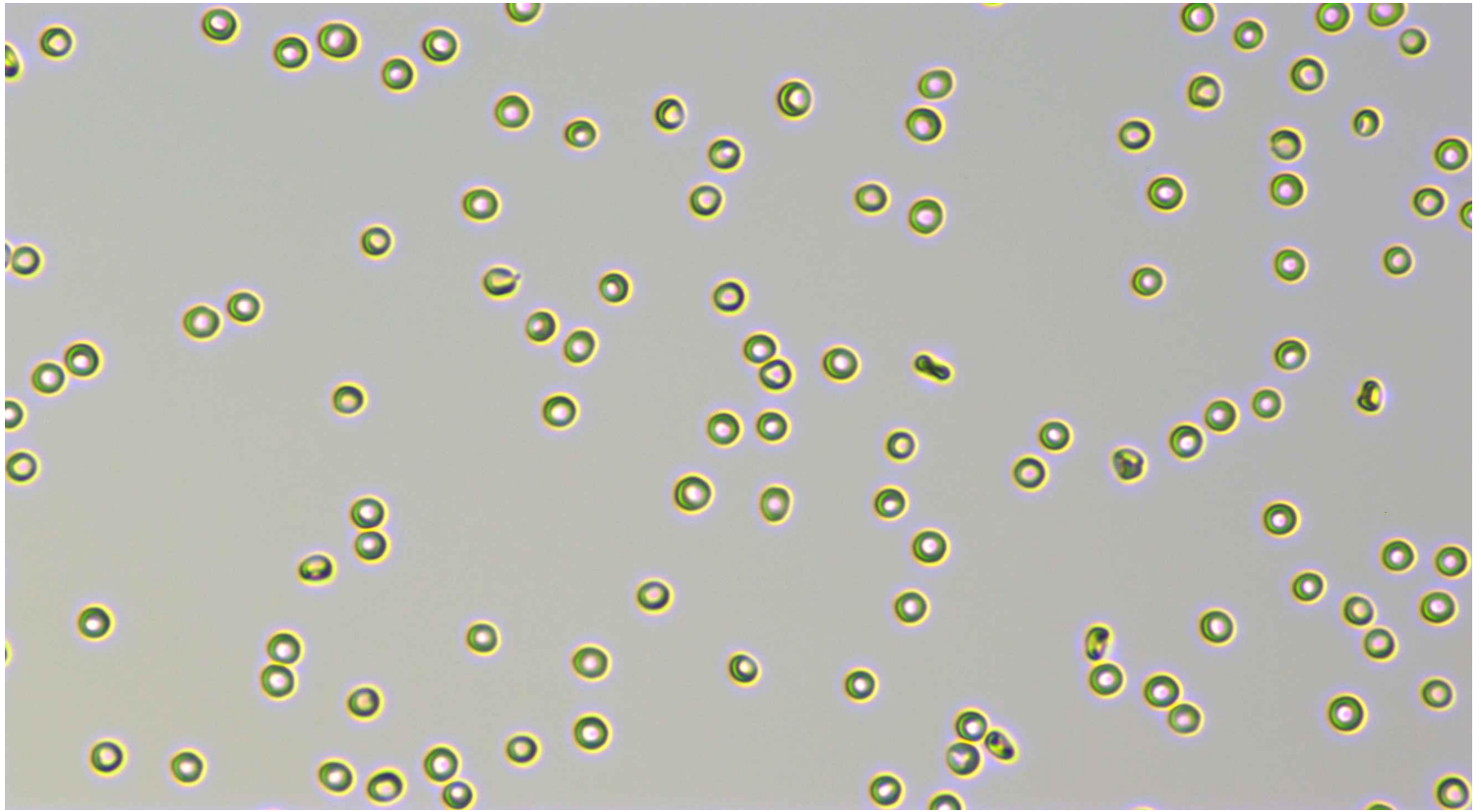
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Distribution Chart



Neutrophil stab granulocytes

Count:

Concentration:

Percentage:



Neutrophil segmented granulocytes

Count: 76.0

Concentration: $1.37 \times 10^9/L$

Percentage: 42.6 Nsg#/WBC



Hypersegmented neutrophils

Count:

Concentration:

Percentage:

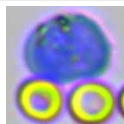
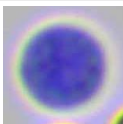
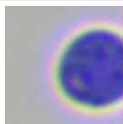
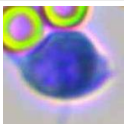
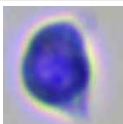
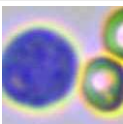
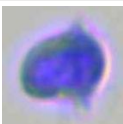
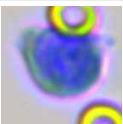
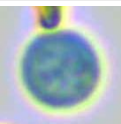
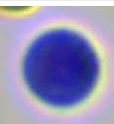


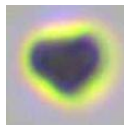
Lymphocytes

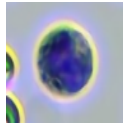
Count: 67.0

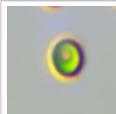
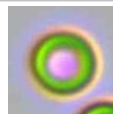
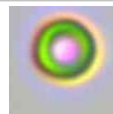
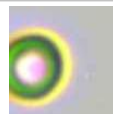
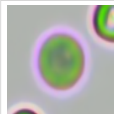
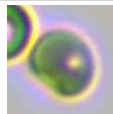
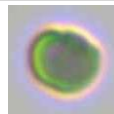
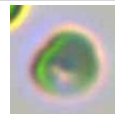
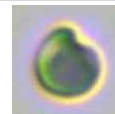
Concentration: $1.23 \times 10^9/L$

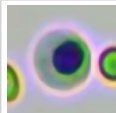
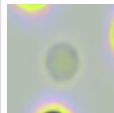
Percentage: 38.2 Lym#/WBC

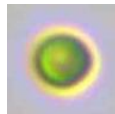
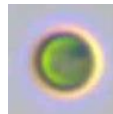
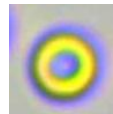
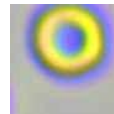
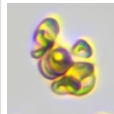
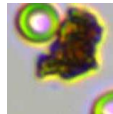
										
Monocytes	Count: 31.0	Concentration: 0.60 x 10^9/L					Percentage: 18.5 Mon#/WBC			

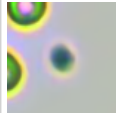
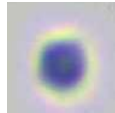
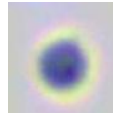
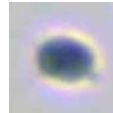
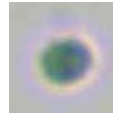
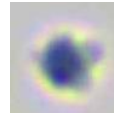
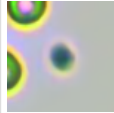
										
Eosinophils	Count: 1.0	Concentration: 0.02 x 10^9/L					Percentage: 0.6 Eos#/WBC			

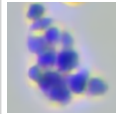
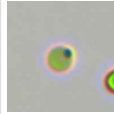
										
Basophils	Count:	Concentration:					Percentage:			

										
Normocyte	Count: 29327.0	Concentration: 1.74 x 10^12/L			Percentage: 99.9 Normocyte#/RBC	Reticulocytes	Count: 22.0	Concentration: 10.85 x 10^9/L		Percentage: 0.62 RET#/RBC

												
Nucleated red blood cell	Count:	Concentration:			Percentage:			Erythrocyte ghost	Count:	Concentration:		Percentage:

										
Spherocytes	Count: 10.0	Concentration: 0.19 x 10^9/L			Percentage: 0.01 SPH#/RBC	Agglutinated erythrocytes	Count: 1.0	Concentration: 0.09 x 10^9/L		Percentage:

										
Normal platelets	Count: 629.0	Concentration: 36 x 10^9/L			Percentage: 45.2 NPLT#/PLT	Large platelet	Count:	Concentration:		Percentage:

												
Aggregate platelets	Count:	Concentration:			Percentage:			Heinz Bodies	Count:	Concentration:		Percentage:

Clinical Significance

Neu#	Decreased levels: It is commonly seen in infectious diseases such as feline panleukopenia, toxoplasmosis, histoplasmosis, etc.; drug-induced, infections such as acute, late severe bacterial infections or septicemia, immune-mediated diseases, shock, poisoning, bone marrow abnormalities, pre-leukemia syndrome.
Nsg#	Decreased levels: It is commonly seen in infectious diseases such as feline panleukopenia, toxoplasmosis, histoplasmosis, etc.; drug-induced, infections such as acute, late severe bacterial infections or septicemia, immune-mediated diseases, shock, poisoning, bone marrow abnormalities, pre-leukemia syndrome.
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.
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.
PCT	Decreased levels: Indicating thrombocytopenia.
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. Chelsi Marie

Date Reported: 01/08/2026

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