

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Pokao
Gender: Male
Sample ID: 260731001

Owner Name: Dante Mejia
Age: 8Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 31/07/2026 09:18:40

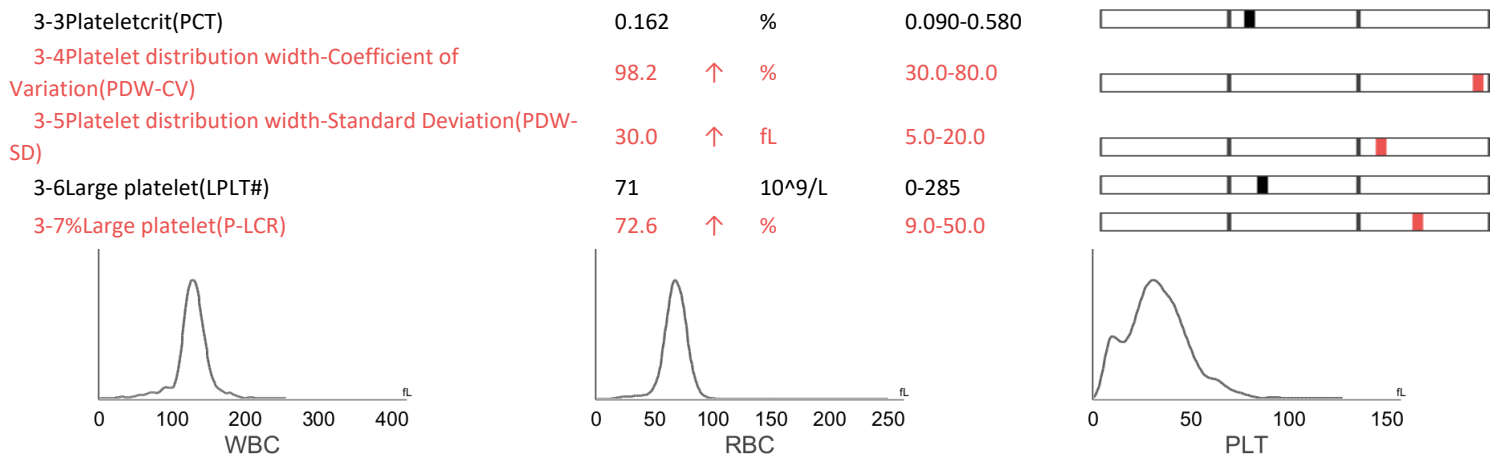
Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1White blood cell count(WBC)	12.56	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	10.16	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.00	10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	10.16	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00	10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	1.27	10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	0.99	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.14	10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.00	10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	80.9	%	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%)	80.9	↑ %	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0	%	0.0-15.5			
1-14%Lymphocytes(Lym%)	10.1	↓ %	12.0-33.0			
1-15%Monocytes(Mon%)	7.9	%	2.0-13.0			
1-16%Eosinophils(Eos%)	1.1	%	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)	3.24	↓ 10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	83	↓ g/L	110-190			
2-3Hematocrit(HCT)	26.2	↓ %	35.0-58.0			
2-4Mean corpuscular volume(MCV)	80.9	fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	25.8	pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	319	g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	14.8	%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	43.2	fL	31.2-51.7			
2-9Reticulocytes(RET#)	7.56	10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.23	%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	41.1	fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	42.3	%	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%)	0.05	%	0.00-3.00			
2-17Spherocytes(SPH#)	1.07	10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.03	%	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)	98	↓ 10 ⁹ /L	117-490			
3-2Mean platelet volume(MPV)	16.5	↑ fL	8.4-14.1			



Hospital Tel: +639171533903

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





Pet Doctors Veterinary Supplies and Services

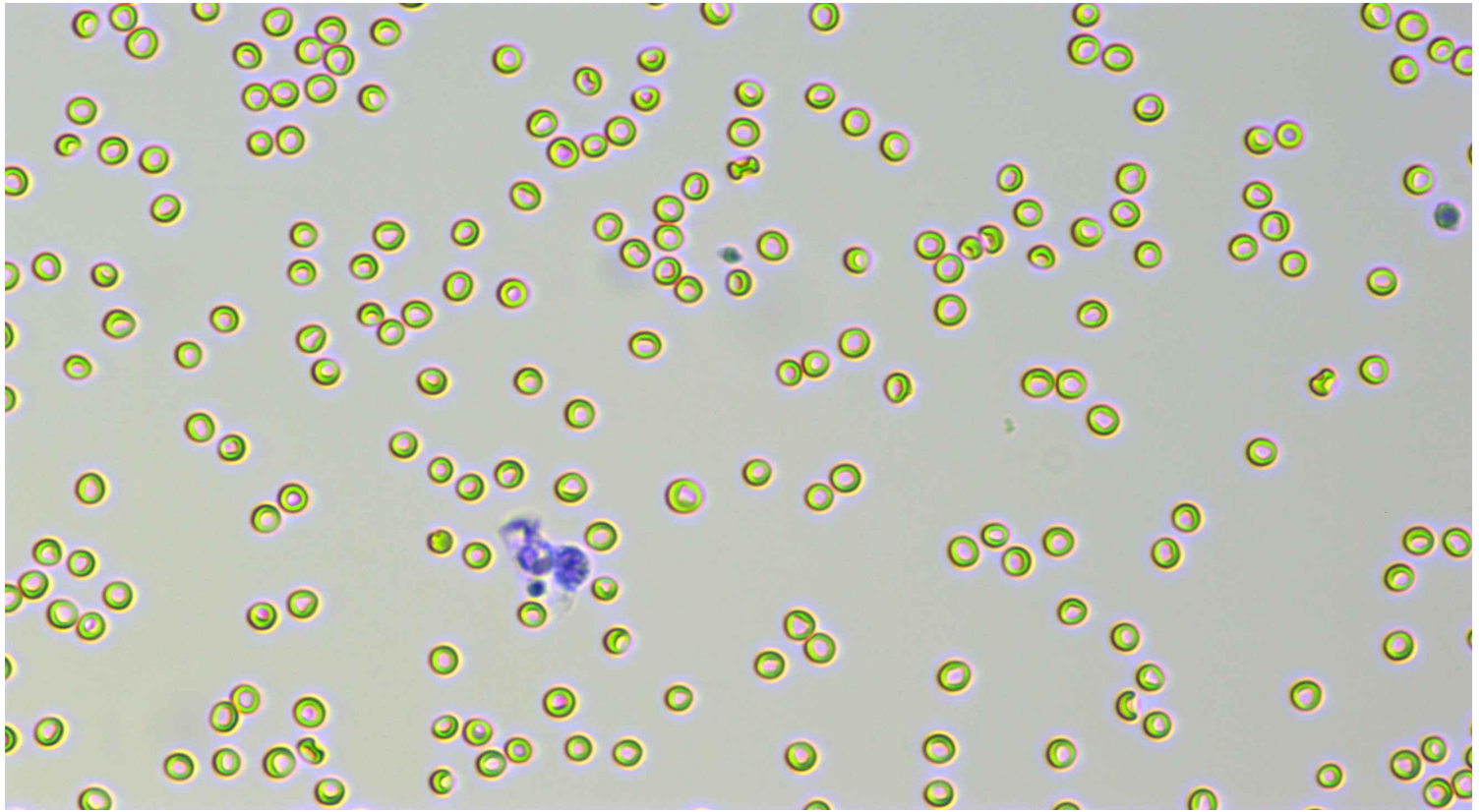
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Distribution Chart



Neutrophil stab granulocytes

Count:

Concentration:

Percentage:



Neutrophil segmented granulocytes

Count: 531.0

Concentration: $10.16 \times 10^9/L$

Percentage: 80.9 Nsg#/WBC



Hypersegmented neutrophils

Count:

Concentration:

Percentage:

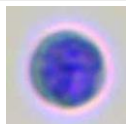
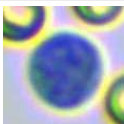
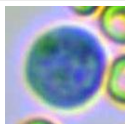
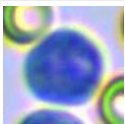
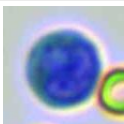
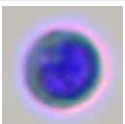
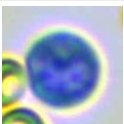
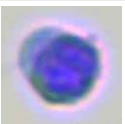
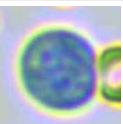
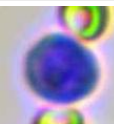


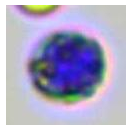
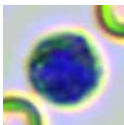
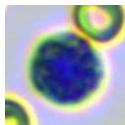
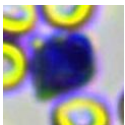
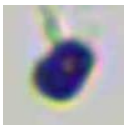
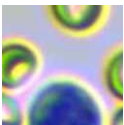
Lymphocytes

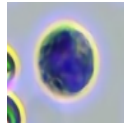
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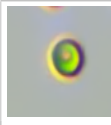
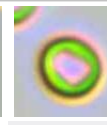
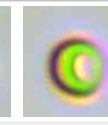
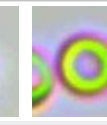
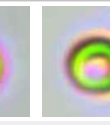
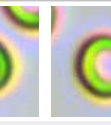
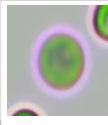
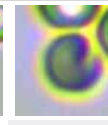
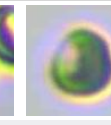
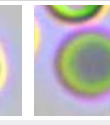
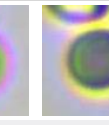
Concentration: $1.27 \times 10^9/L$

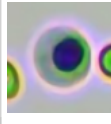
Percentage: 10.1 Lym#/WBC

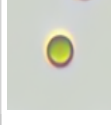
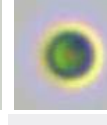
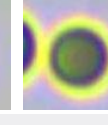
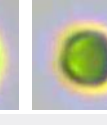
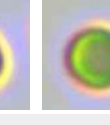
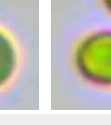
										
Monocytes	Count: 52.0		Concentration: 0.99 x 10^9/L		Percentage: 7.9 Mon#/WBC					

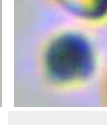
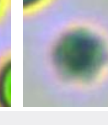
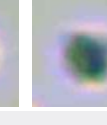
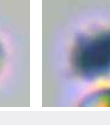
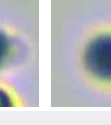
										
Eosinophils	Count: 7.0		Concentration: 0.14 x 10^9/L		Percentage: 1.1 Eos#/WBC					

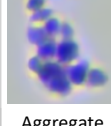
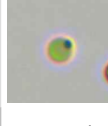
										
Basophils	Count:		Concentration:		Percentage:					

										
Normocyte	Count: 54465.0	Concentration: 3.24 x 10^12/L		Percentage: 99.8 Normocyte#/RBC		Reticulocytes	Count: 45.0	Concentration: 7.56 x 10^9/L		Percentage: 0.23 RET#/RBC

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

										
Spherocytes	Count: 56.0	Concentration: 1.07 x 10^9/L		Percentage: 0.03 SPH#/RBC		Agglutinated erythrocytes	Count: 1.0	Concentration: 0.09 x 10^9/L		Percentage:

										
Normal platelets	Count: 2185.0	Concentration: 98 x 10^9/L		Percentage: 27.4 NPLT#/PLT		Large platelet	Count:	Concentration:		Percentage:

										
Aggregate platelets	Count:	Concentration:		Percentage:						
	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.
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. Cassandra Jane R. Oyan

Date Reported: 31/07/2026

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