

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Olek

Owner Name: Mark Cuario

Species: Canine

Gender: Male

Age: 7Y

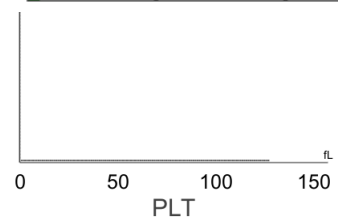
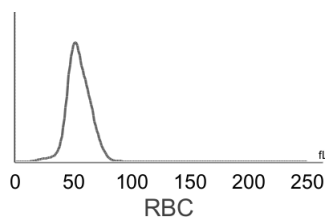
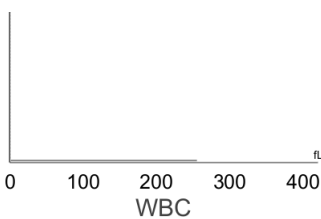
Patient or Visit NO.:

Sample ID: 260421007

Sample Type: Blood

Time Tested: 21/04/2026 18:42:39

Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1WBC	0.26	↓ 10 ⁹ /L	6.00-17.00			
1-2Neu#	0.22	↓ 10 ⁹ /L	3.62-12.30			
1-3Nst#	0.00	10 ⁹ /L	0.00-1.00			
1-4Nsg#	0.22	↓ 10 ⁹ /L	2.30-11.50			
1-5Nsh#	0.00	10 ⁹ /L	0.00-3.50			
1-6Lym#	0.04	↓ 10 ⁹ /L	0.83-4.91			
1-7Mon#	0.00	↓ 10 ⁹ /L	0.14-1.97			
1-8Eos#	0.00	↓ 10 ⁹ /L	0.04-1.62			
1-9Bas#	0.00	10 ⁹ /L	0.00-0.12			
1-10Neu%	84.0	↑ %	50.0-81.0			
1-11Nst/WBC%	0.0	%	0.0-10.0			
1-12Nsg%	84.0	↑ %	48.0-70.0			
1-13Nsh/WBC%	0.0	%	0.0-15.5			
1-14Lym%	15.3	%	12.0-33.0			
1-15Mon%	0.0	↓ %	2.0-13.0			
1-16Eos%	0.5	%	0.5-10.0			
1-17Bas%	0.2	%	0.0-1.3			
1-18Nst/Neu%	0.0	%	0.0-22.0			
1-19Nsh/Neu%	0.0	%	0.0-20.0			
2.RBC						
2-1RBC	3.82	↓ 10 ¹² /L	5.10-8.50			
2-2HGB	78	↓ g/L	110-190			
2-3HCT	23.4	↓ %	35.0-58.0			
2-4MCV	61.3	fL	55.0-83.0			
2-5MCH	20.3	pg	18.0-31.0			
2-6MCHC	331	g/L	260-430			
2-7RDW-CV	20.0	%	11.2-21.3			
2-8RDW-SD	46.6	fL	31.2-51.7			
2-9RET#	7.55	10 ⁹ /L	3.00-45.00			
2-10RET%	0.20	%	0.00-1.00			
2-11MCVr	47.9	fL	30.0-120.0			
2-12MCVr-CV	44.1	%	20.0-80.0			
2-13NRBC#	0.00	10 ⁹ /L	0.00-0.10			
2-14NRBC/WBC%	0.00	%	0.00-0.50			
2-15ETG#	0.00	10 ¹² /L	0.00-0.10			
2-16ETG%	0.03	%	0.00-3.00			
2-17SPH#	89.96	10 ⁹ /L	0.00-150.00			
2-18SPH%	2.36	↑ %	0.00-2.00			
2-19AGG#	0.00	10 ⁹ /L	0.00-0.50			
3.PLT						
3-1PLT	1	↓ 10 ⁹ /L	117-490			
3-2MPV	1.0	↓ fL	8.4-14.1			
3-3PCT	0.000	↓ %	0.090-0.580			
3-4PDW-CV	0.0	↓ %	30.0-80.0			
3-5PDW-SD	0.0	↓ fL	5.0-20.0			
3-6LPLT#	0	10 ⁹ /L	0-285			
3-7P-LCR	0.0	↓ %	9.0-50.0			



Hospital Tel: +639171533903

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



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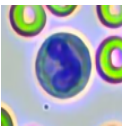
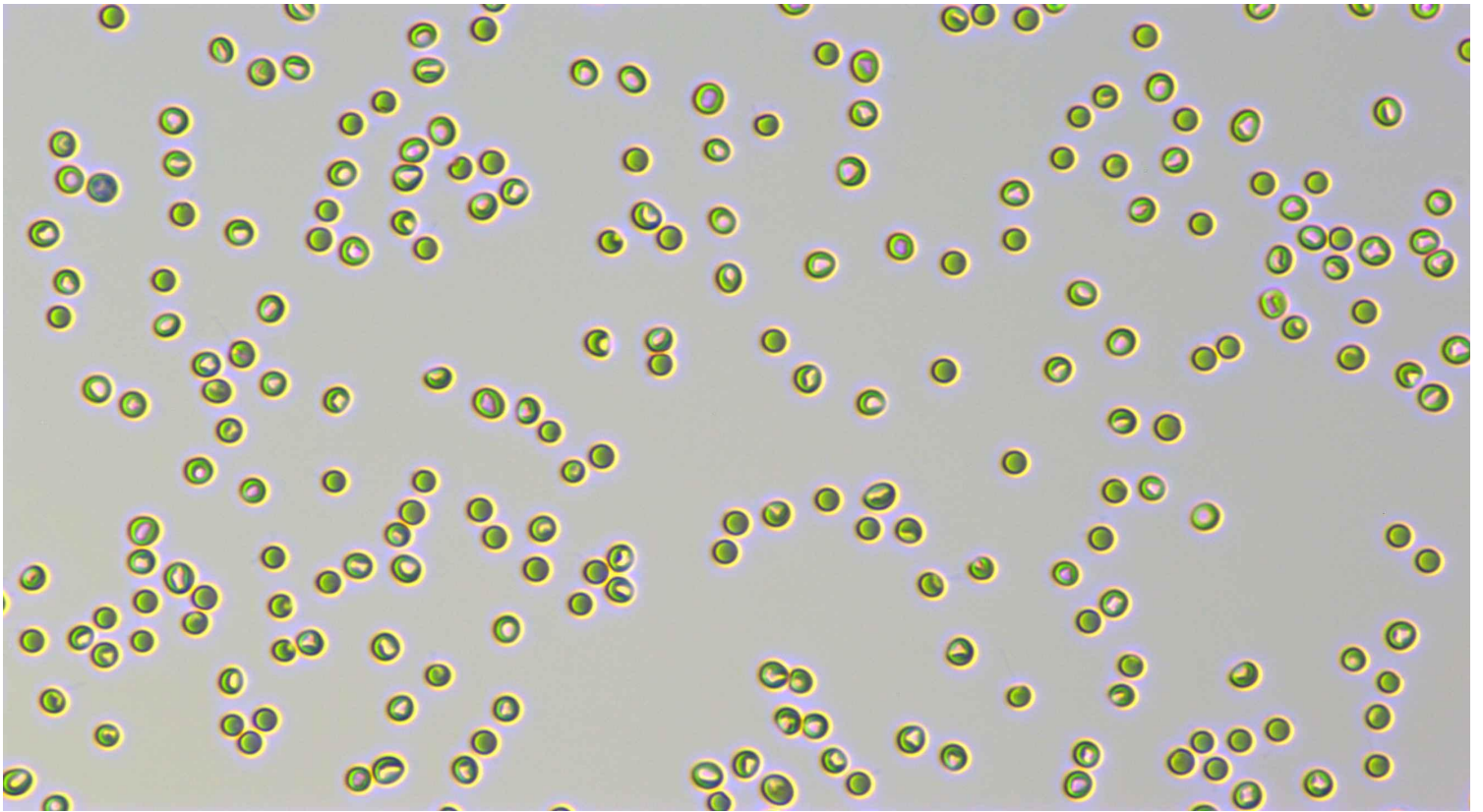
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Distribution Chart

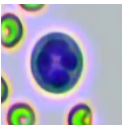


Neutrophil stab granulocytes

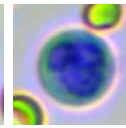
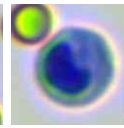
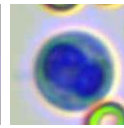
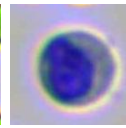
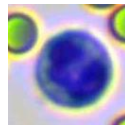
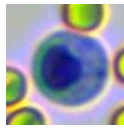
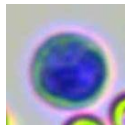
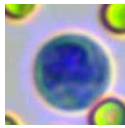
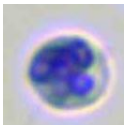
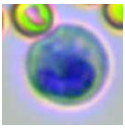
Count:

Concentration:

Percentage:



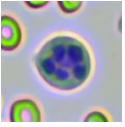
Neutrophil segmented granulocytes



Count: 14.0

Concentration: $0.22 \times 10^9/L$

Percentage: 84.0 Nsg#/WBC



Hypersegmented neutrophils

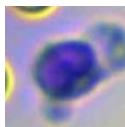
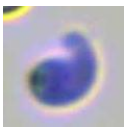
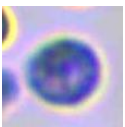
Count:

Concentration:

Percentage:



Lymphocytes



Count: 4.0

Concentration: $0.04 \times 10^9/L$

Percentage: 15.3 Lym#/WBC

	Monocytes			Count:	Concentration:	Percentage:					
	Eosinophils			Count:	Concentration:	Percentage:					
	Basophils			Count:	Concentration:	Percentage:					
											
Normocyte	Count: 62996.0	Concentration: $3.82 \times 10^{12}/L$	Percentage: 97.6 Normocyte#/RBC	Reticulocytes	Count: 24.0	Concentration: $7.55 \times 10^9/L$	Percentage: 0.20 RET#/RBC				
	Nucleated red blood cell			Count:	Concentration:	Percentage:					
	Erythrocyte ghost			Count:	Concentration:	Percentage:					
											
Spherocytes	Count: 1533.0	Concentration: $89.96 \times 10^9/L$	Percentage: 2.36 SPH#/RBC	Agglutinated erythrocytes	Count:	Concentration:	Percentage:				
											
Normal platelets	Count: 25.0	Concentration: $1 \times 10^9/L$	Percentage: 100.0 NPL#/PLT	Large platelet	Count:	Concentration:	Percentage:				
		Aggregate platelets			Count: 1.0	Concentration: $0.00 \times 10^9/L$	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.
Lym#	Decreased levels: It is seen in stress, Cushing's syndrome (Cushing's Syndrome) or use of glucocorticoids, lymphosarcoma, immunosuppressive drugs, and destruction of lymphoid tissue such as lymphangiectasis and lymphadenitis.
Mon#	Decreased levels: It is suggested that the initial stage of acute infectious diseases, the use of glucocorticoids and immunosuppressants, hematological diseases, autoimmune diseases, and the critical stage of various diseases.

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	Decreased levels: It is common in the early stage of immune-mediated thrombocytopenia and bone marrow failure.
PCT	Decreased levels: Indicating thrombocytopenia.

Veterinary Technician: Dr. Cassandra Oyan

Attending Veterinarian: Dr. John Paul Landingin

Date Reported: 22/04/2026

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