

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Fatty
Gender: Male
Test Number: 260909001
Sample ID:

Owner Name: Novelyn Nicholson
Age: 5Y
Sample Type: Blood

Species: Feline
Patient or Visit NO.:
Time Tested: 09/09/2026 16:37:38

Test	Result		Unit	Reference Range	Low	Normal	High
1.WBC							
1-1 White blood cell count(WBC)	52.42	↑	10 ⁹ /L	3.26-19.00			
1-2 Neutrophils(Neu#)	40.78	↑	10 ⁹ /L	1.75-11.50			
1-3 Neutrophil stab granulocytes(Nst#)	0.78		10 ⁹ /L	0.00-1.00			
1-4 Neutrophil segmented granulocytes(Nsg#)	40.00	↑	10 ⁹ /L	2.10-11.00			
1-5 Hypersegmented neutrophils(Nsh#)	0.00		10 ⁹ /L	0.00-0.50			
1-6 Lymphocytes(Lym#)	6.66		10 ⁹ /L	0.73-7.86			
1-7 Monocytes(Mon#)	4.77	↑	10 ⁹ /L	0.07-1.79			
1-8 Eosinophils(Eos#)	0.21		10 ⁹ /L	0.06-1.93			
1-9 Basophils(Bas#)	0.00		10 ⁹ /L	0.00-0.15			
1-10 %Neutrophils(Neu%)	77.8		%	30.0-80.0			
1-11 %Neutrophil stab granulocyte in WBC(Nst/WBC%)	1.5		%	0.0-12.0			
1-12 %Neutrophil segmented granulocyte(Nsg%)	76.3	↑	%	35.0-70.0			
1-13 %Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-3.0			
1-14 %Lymphocytes(Lym%)	12.7		%	7.0-50.0			
1-15 %Monocytes(Mon%)	9.1		%	1.0-13.0			
1-16 %Eosinophils(Eos%)	0.4	↓	%	0.5-11.0			
1-17 %Basophils(Bas%)	0.0		%	0.0-1.5			
1-18 %Neutrophil stab granulocyte in Neu(Nst/Neu%)	1.9		%	0.0-16.0			
1-19 %Hypersegmented neutrophils in Neu(Nsh/Neu%)	0.0		%	0.0-5.0			
2.RBC							
2-1 Red blood cell count(RBC)	3.27	↓	10 ¹² /L	4.60-10.20			
2-2 Hemoglobin concentration(HGB)	54	↓	g/L	85-153			
2-3 Hematocrit(HCT)	16.5	↓	%	28.0-49.0			
2-4 Mean corpuscular volume(MCV)	50.6		fL	35.0-58.0			
2-5 Mean corpuscular hemoglobin(MCH)	16.5		pg	10.0-20.0			
2-6 Mean corpuscular hemoglobin concentration(MCHC)	325		g/L	250-430			
2-7 Red blood cell distribution width-Coefficient of Variation(RDW-CV)	14.3	↓	%	15.0-26.0			
2-8 Red blood cell distribution width-Standard Deviation(RDW-SD)	25.0	↓	fL	25.1-46.3			
2-9 Reticulocytes(RET#)	11.22		10 ⁹ /L	3.66-54.06			
2-10 %Reticulocytes(RET%)	0.34		%	0.05-1.17			
2-11 Mean reticulocyte volume(MCVr)	50.0		fL	30.0-120.0			
2-12 Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	48.9		%	20.0-80.0			
2-13 Nucleated 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			
2-15 Erythrocyte ghost(ETG#)	0.02		10 ¹² /L	0.00-0.15			
2-16 Erythrocyte ghost(ETG%)	0.55		%	0.00-3.00			
2-17 Spherocytes(SPH#)	2.91		10 ⁹ /L	0.00-150.00			
2-18 %Spherocytes(SPH%)	0.09		%	0.00-3.00			
2-19 Agglutinated erythrocytes(AGG#)	0.00		10 ⁹ /L	0.00-0.50			
2-20 Heinz Bodies(HBRBC#)	0.02	↑	10 ⁹ /L	0.00-0.00			
3.PLT							
3-1 Platelet(PLT)	265		10 ⁹ /L	100-518			

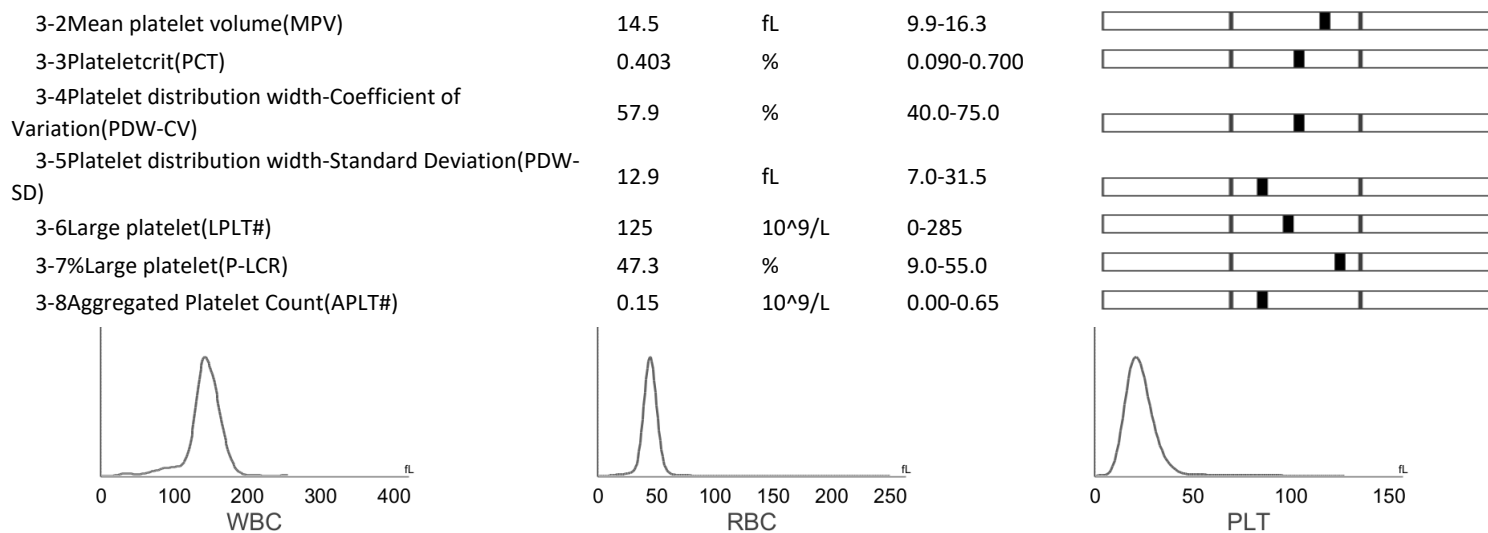


Hospital Tel: +639171533903

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Hospital Email: pdvc.calasiao@gmail.com





Pet Doctors Veterinary Supplies and Services

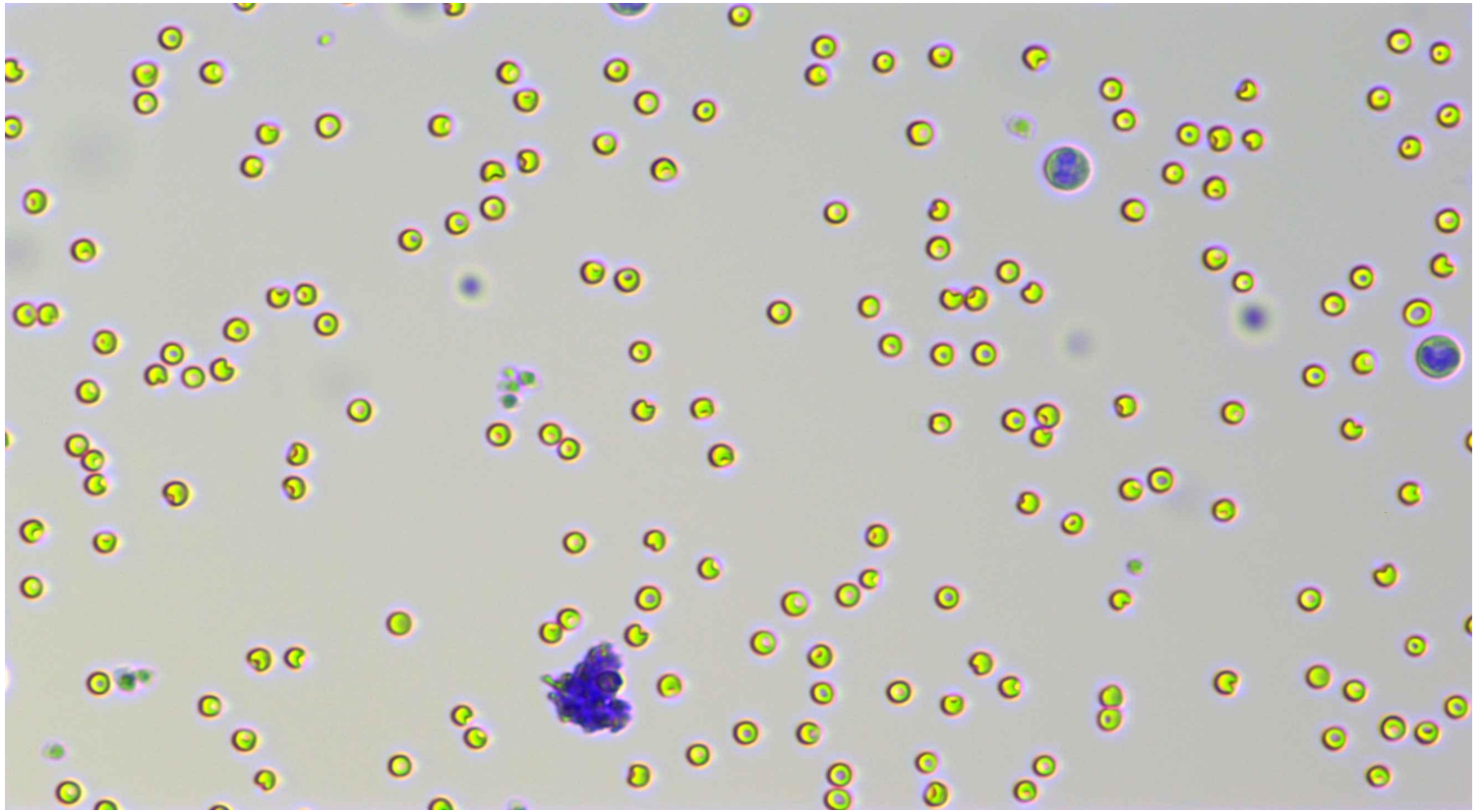
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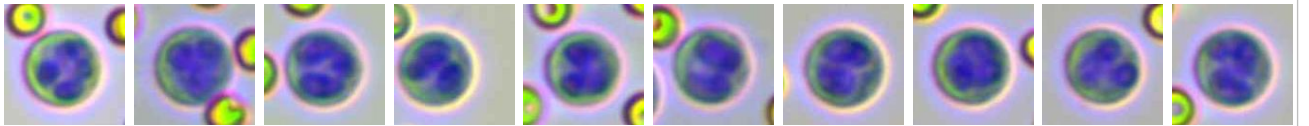
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Distribution Chart



Neutrophil stab granulocytes



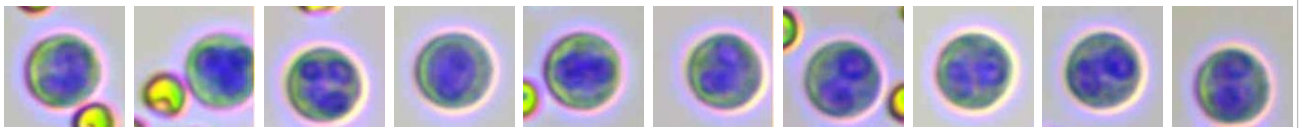
Count: 43.0

Concentration: $0.78 \times 10^9/L$

Percentage: 1.5 Nst#/WBC



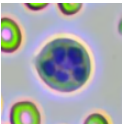
Neutrophil segmented granulocytes



Count: 2283.0

Concentration: $40.00 \times 10^9/L$

Percentage: 76.3 Nsg#/WBC

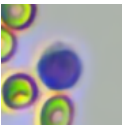


Hypersegmented neutrophils

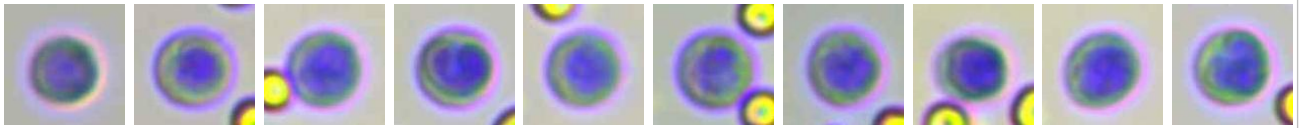
Count:

Concentration:

Percentage:



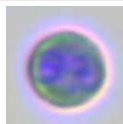
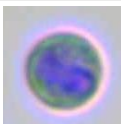
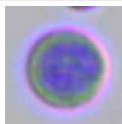
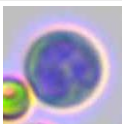
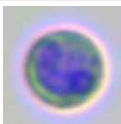
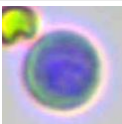
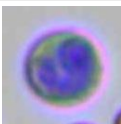
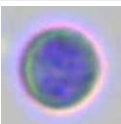
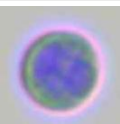
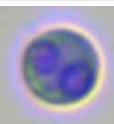
Lymphocytes

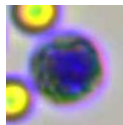
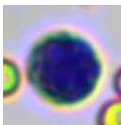
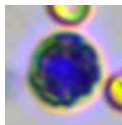
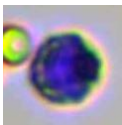
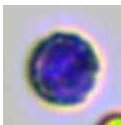
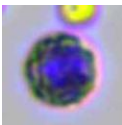
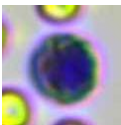
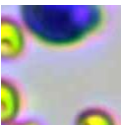
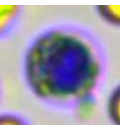
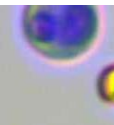


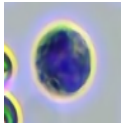
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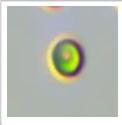
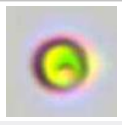
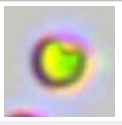
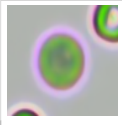
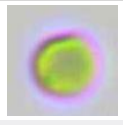
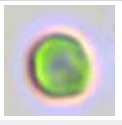
Concentration: $6.66 \times 10^9/L$

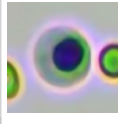
Percentage: 12.7 Lym#/WBC

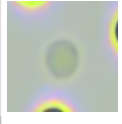
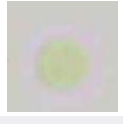
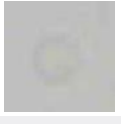
										
Monocytes	Count: 274.0		Concentration: 4.77 x 10^9/L				Percentage: 9.1 Mon#/WBC			

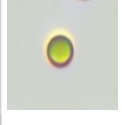
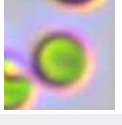
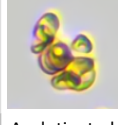
										
Eosinophils	Count: 12.0		Concentration: 0.21 x 10^9/L				Percentage: 0.4 Eos#/WBC			

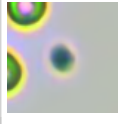
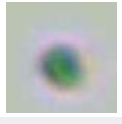
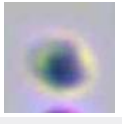
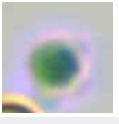
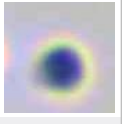
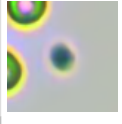
										
Basophils	Count:		Concentration:				Percentage:			

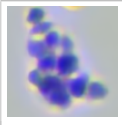
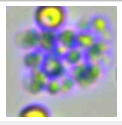
										
Normocyte	Count: 54725.0	Concentration: 3.27 x 10^12/L		Percentage: 99.2 Normocyte#/RBC			Reticulocytes	Count: 96.0	Concentration: 11.22 x 10^9/L	Percentage: 0.34 RET#/RBC

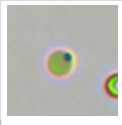
										
Nucleated red blood cell	Count:	Concentration:		Percentage:						

										
Erythrocyte ghost	Count: 287.0	Concentration: 0.02 x 10^12/L		Percentage: 0.55 ETG#/RBC						

										
Spherocytes	Count: 143.0	Concentration: 2.91 x 10^9/L		Percentage: 0.09 SPH#/RBC			Agglutinated erythrocytes	Count:	Concentration:	Percentage:

										
Normal platelets	Count: 5607.0	Concentration: 265 x 10^9/L		Percentage: 52.7 NPLT#/PLT			Large platelet	Count:	Concentration:	Percentage:

										
Aggregate platelets	Count: 1.0	Concentration: 0.15 x 10^9/L		Percentage:						

										
Heinz Bodies	Count: 1.0	Concentration: 0.02 x 10^9/L		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.

Elevated levels: In cats, a small number of Heinz bodies are seen most frequently in peripheral blood smears. Increased Heinz bodies indicate diabetes mellitus, hyperthyroidism, and lymphoma.

HBRBC# In dogs, Heinz bodies are always abnormal. Increased Heinz bodies indicate hemolytic anemia due to oxidative injury, such as ingestion of onions, garlic, acetaminophen, methylene blue, methionine, phenazopyridine, zinc (pennies minted after 1982), naphthalene (chemical in mothballs), propylene glycol (in some moist foods), and vitamin K3 (menadione).

Veterinary Technician: not specified

Attending Veterinarian: Dr. Ingrid Abulencia

Date Reported: 09/09/2026

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