

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Gray
Gender: Female
Sample ID: 260722005

Owner Name: Julie Rimando
Age: 1Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 22/07/2026 16:26:48

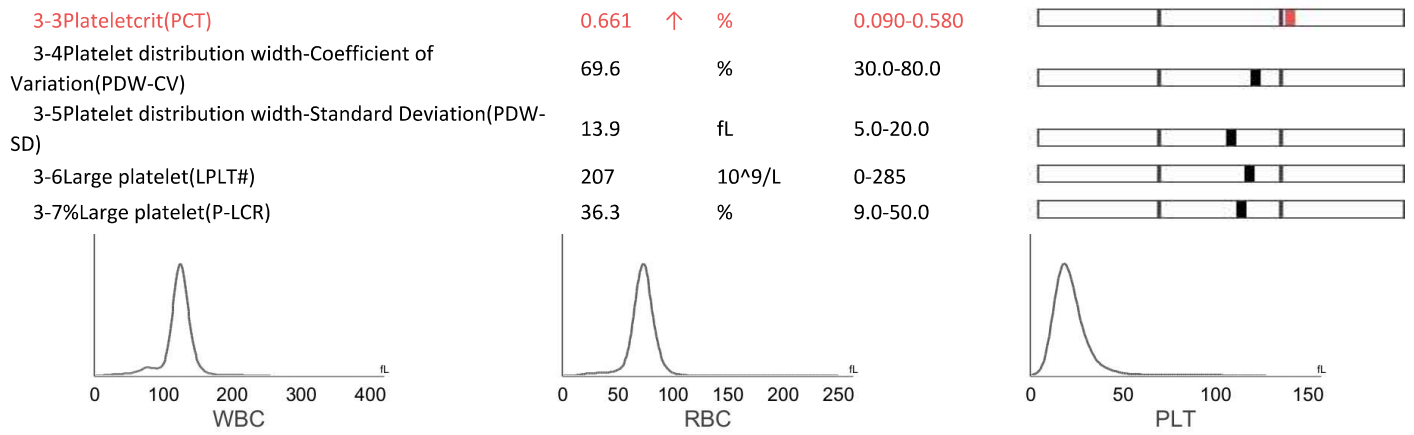
Test	Result		Unit	Reference Range	Low	Normal	High
1.WBC							
1-1 White blood cell count(WBC)	105.65	↑	10 ⁹ /L	6.00-17.00			
1-2 Neutrophils(Neu#)	94.13	↑	10 ⁹ /L	3.62-12.30			
1-3 Neutrophil stab granulocytes(Nst#)	0.00		10 ⁹ /L	0.00-1.00			
1-4 Neutrophil segmented granulocytes(Nsg#)	94.13	↑	10 ⁹ /L	2.30-11.50			
1-5 Hypersegmented neutrophils(Nsh#)	0.00		10 ⁹ /L	0.00-3.50			
1-6 Lymphocytes(Lym#)	5.49	↑	10 ⁹ /L	0.83-4.91			
1-7 Monocytes(Mon#)	5.39	↑	10 ⁹ /L	0.14-1.97			
1-8 Eosinophils(Eos#)	0.53		10 ⁹ /L	0.04-1.62			
1-9 Basophils(Bas#)	0.11		10 ⁹ /L	0.00-0.12			
1-10 Neutrophils(Neu%)	89.1	↑	%	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%)	89.1	↑	%	48.0-70.0			
1-13 %Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-15.5			
1-14 %Lymphocytes(Lym%)	5.2	↓	%	12.0-33.0			
1-15 %Monocytes(Mon%)	5.1		%	2.0-13.0			
1-16 %Eosinophils(Eos%)	0.5		%	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							
2-1 Red blood cell count(RBC)	3.35	↓	10 ¹² /L	5.10-8.50			
2-2 Hemoglobin concentration(HGB)	92	↓	g/L	110-190			
2-3 Hematocrit(HCT)	28.9	↓	%	35.0-58.0			
2-4 Mean corpuscular volume(MCV)	86.4	↑	fL	55.0-83.0			
2-5 Mean corpuscular hemoglobin(MCH)	27.4		pg	18.0-31.0			
2-6 Mean corpuscular hemoglobin concentration(MCHC)	317		g/L	260-430			
2-7 Red blood cell distribution width-Coefficient of Variation(RDW-CV)	13.6		%	11.2-21.3			
2-8 Red blood cell distribution width-Standard Deviation(RDW-SD)	42.4		fL	31.2-51.7			
2-9 Reticulocytes(RET#)	28.27		10 ⁹ /L	3.00-45.00			
2-10 Reticulocytes(RET%)	0.84		%	0.00-1.00			
2-11 Mean reticulocyte volume(MCVr)	49.3		fL	30.0-120.0			
2-12 Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	44.4		%	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#)	0.00		10 ¹² /L	0.00-0.10			
2-16 Erythrocyte ghost(ETG%)	0.00		%	0.00-3.00			
2-17 Spherocytes(SPH#)	0.80		10 ⁹ /L	0.00-150.00			
2-18 %Spherocytes(SPH%)	0.02		%	0.00-2.00			
2-19 Agglutinated erythrocytes(AGG#)	0.00		10 ⁹ /L	0.00-0.50			
2-20 Heinz Bodies(HBRBC#)	0.00		10 ⁹ /L	0.00-0.00			
3.PLT							
3-1 Platelet(PLT)	571	↑	10 ⁹ /L	117-490			
3-2 Mean platelet volume(MPV)	11.6		fL	8.4-14.1			



Hospital Tel: +639171533903

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





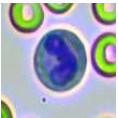
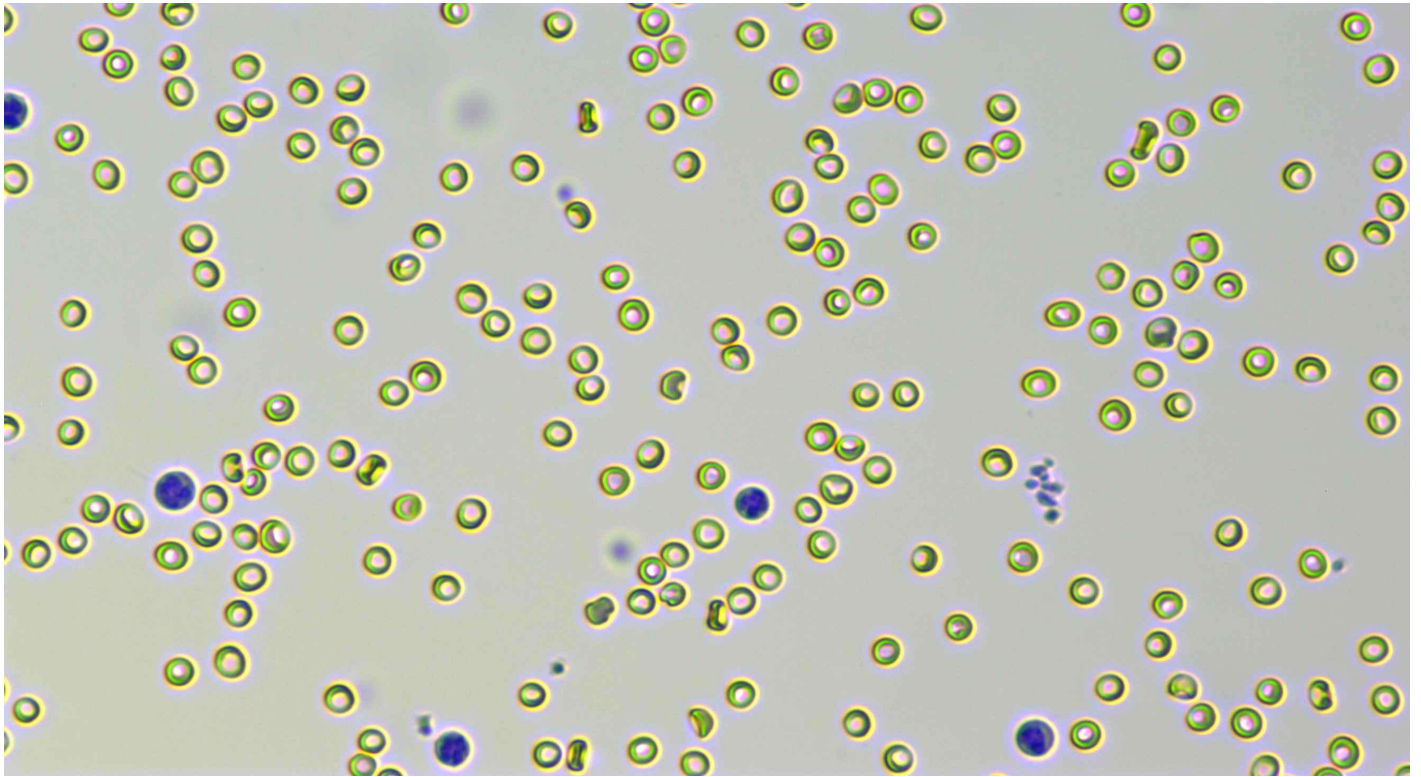
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Distribution Chart

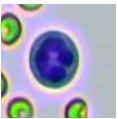


Neutrophil stab granulocytes

Count:

Concentration:

Percentage:

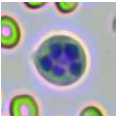


Neutrophil segmented granulocytes

Count: 4846.0

Concentration: $94.13 \times 10^9/L$

Percentage: 89.1 Nsg#/WBC

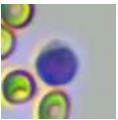


Hypersegmented neutrophils

Count:

Concentration:

Percentage:

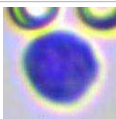
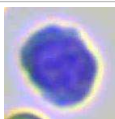
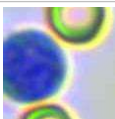
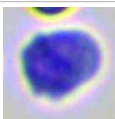
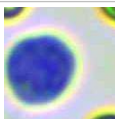
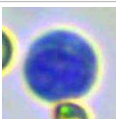
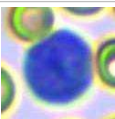
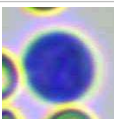
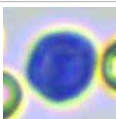


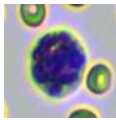
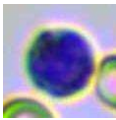
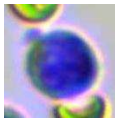
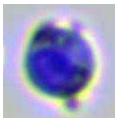
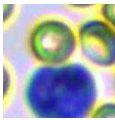
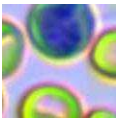
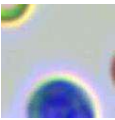
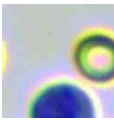
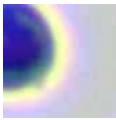
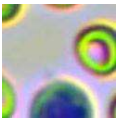
Lymphocytes

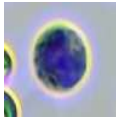
Count: 279.0

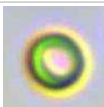
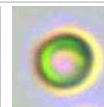
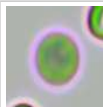
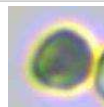
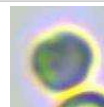
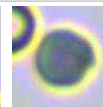
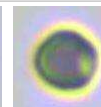
Concentration: $5.49 \times 10^9/L$

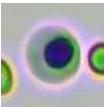
Percentage: 5.2 Lym#/WBC

										
Monocytes	Count: 277.0		Concentration: 5.39 x 10^9/L				Percentage: 5.1 Mon#/WBC			

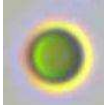
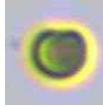
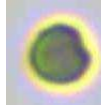
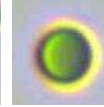
										
Eosinophils	Count: 28.0		Concentration: 0.53 x 10^9/L				Percentage: 0.5 Eos#/WBC			

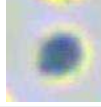
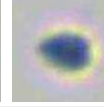
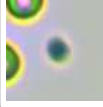
										
Basophils	Count:		Concentration:				Percentage:			

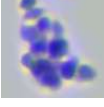
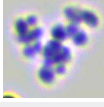
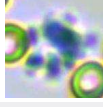
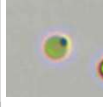
										
Normocyte	Count: 56076.0	Concentration: 3.35 x 10^12/L		Percentage: 99.4 Normocyte#/RBC		Reticulocytes	Count: 327.0	Concentration: 28.27 x 10^9/L		Percentage: 0.84 RET#/RBC

										
Nucleated red blood cell	Count:	Concentration:		Percentage:						

										
Erythrocyte ghost	Count:	Concentration:		Percentage:						

										
Spherocytes	Count: 41.0	Concentration: 0.80 x 10^9/L		Percentage: 0.02 SPH#/RBC		Agglutinated erythrocytes	Count:	Concentration:		Percentage:

										
Normal platelets	Count: 13345.0	Concentration: 571 x 10^9/L		Percentage: 63.7 NPLT#/PLT		Large platelet	Count:	Concentration:		Percentage:

										
Aggregate platelets	Count: 2.0	Concentration: 0.30 x 10^9/L		Percentage:						

Heinz Bodies	Count:	Concentration:		Percentage:						
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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.
Lym#	Elevated levels: It is suggested that infectious diseases, convalescence of acute infectious diseases, lymphocytic leukemia and lymphosarcoma are also seen in excited cats.
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. 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.
RBC	
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	Elevated levels: Most of them are physiological or secondary, rarely seen in primary. The former is commonly seen in tumors, gastrointestinal diseases such as pancreatitis, hepatitis, inflammatory bowel disease (IBD), colitis, immune-mediated diseases, blood loss/bleeding from various causes, fractures, use of glucocorticoids or antineoplastic drugs, dogs after splenectomy, exercise or injection of epinephrine, etc.; the latter is rarely seen in myeloproliferative diseases.
PCT	Elevated levels: Indicating an increase in platelets or large platelets.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Chelsi Marie Gabor

Date Reported: 22/07/2026

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