

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Ragnar
Gender: Male
Sample ID: 260830002

Owner Name: Petre Mauro Balito
Age: 2Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 30/08/2026 14:12:58

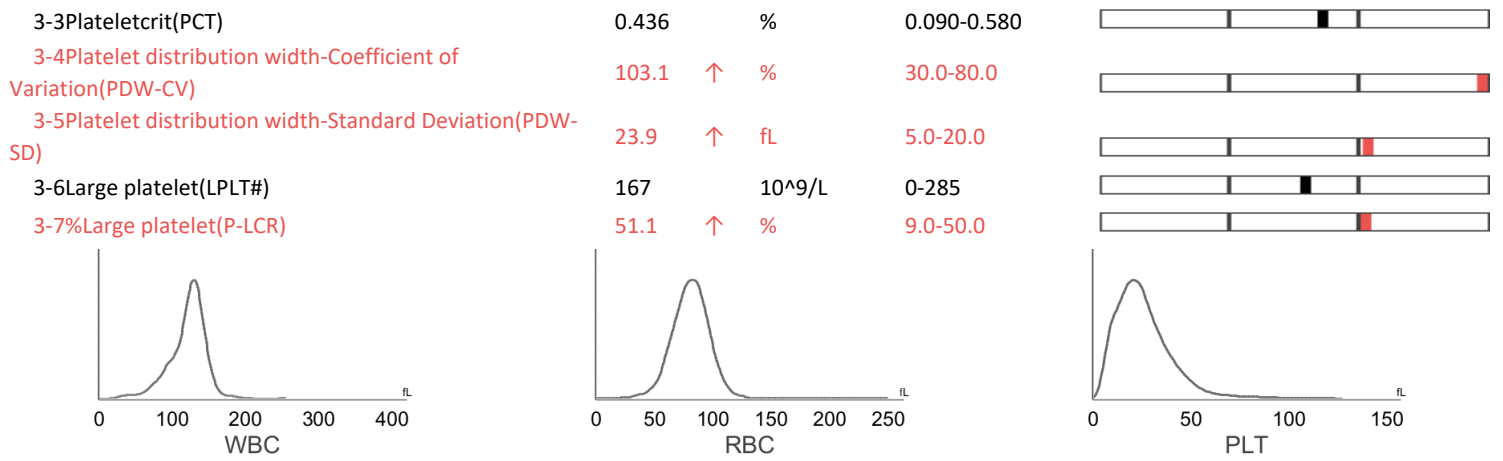
Test	Result		Unit	Reference Range	Low	Normal	High
1.WBC							
1-1White blood cell count(WBC)	51.00	↑	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	38.56	↑	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.00		10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	38.56	↑	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00		10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	6.02	↑	10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	6.17	↑	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.20		10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.05		10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	75.6		%	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%)	75.6	↑	%	48.0-70.0			
1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0		%	0.0-15.5			
1-14%Lymphocytes(Lym%)	11.8	↓	%	12.0-33.0			
1-15%Monocytes(Mon%)	12.1		%	2.0-13.0			
1-16%Eosinophils(Eos%)	0.4	↓	%	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)	0.82	↓	10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	22	↓	g/L	110-190			
2-3Hematocrit(HCT)	9.1	↓	%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	111.5	↑	fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	27.5		pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	247	↓	g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	21.9	↑	%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	75.8	↑	fL	31.2-51.7			
2-9Reticulocytes(RET#)	116.71	↑	10 ⁹ /L	3.00-45.00			
2-10Reticulocytes(RET%)	14.29	↑	%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	40.9		fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	41.0		%	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%)	0.07		%	0.00-3.00			
2-17Spherocytes(SPH#)	1.01		10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.12		%	0.00-2.00			
2-19Agglutinated erythrocytes(AGG#)	0.00		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)	327		10 ⁹ /L	117-490			
3-2Mean platelet volume(MPV)	13.4		fL	8.4-14.1			



Hospital Tel: +639171533903

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





Pet Doctors Veterinary Supplies and Services

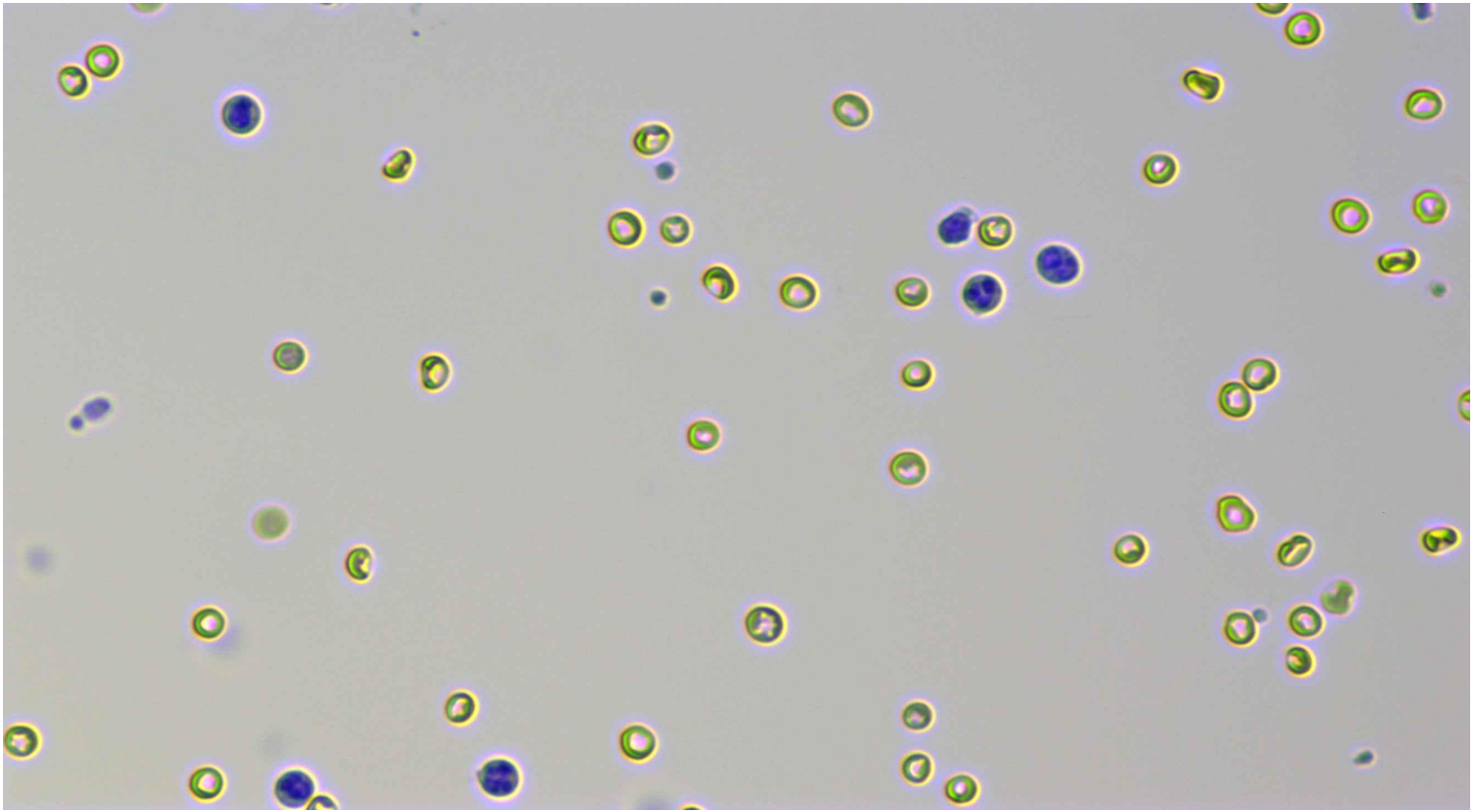
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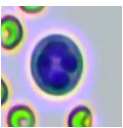
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Distribution Chart

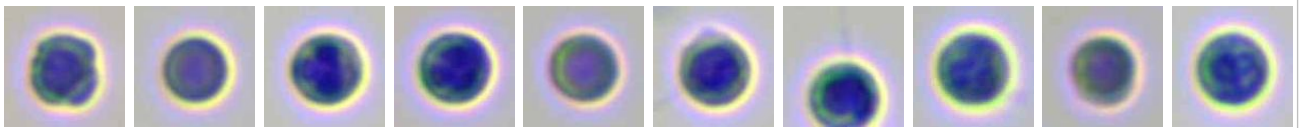


Neutrophil stab granulocytes

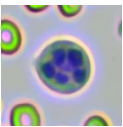
Count:	Concentration:	Percentage:
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Neutrophil segmented granulocytes

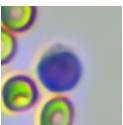


Count: 1989.0	Concentration: $38.56 \times 10^9/L$	Percentage: 75.6 Nsg#/WBC
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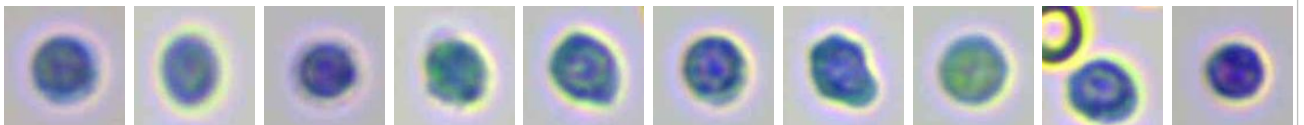


Hypersegmented neutrophils

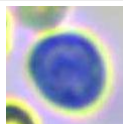
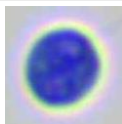
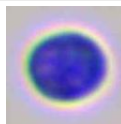
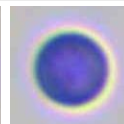
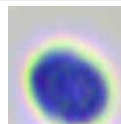
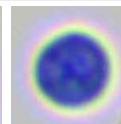
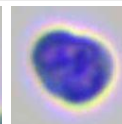
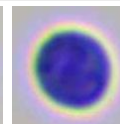
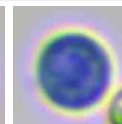
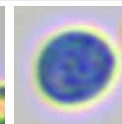
Count:	Concentration:	Percentage:
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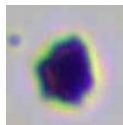
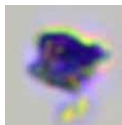
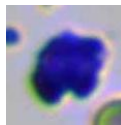
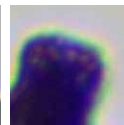
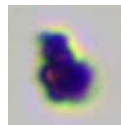
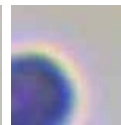
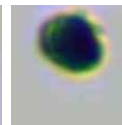
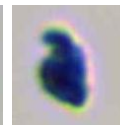
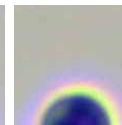


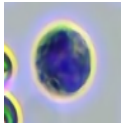
Lymphocytes

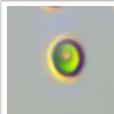
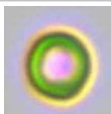
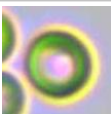
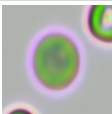
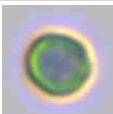
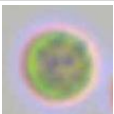
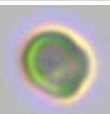
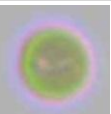


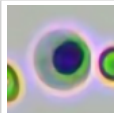
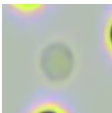
Count: 309.0	Concentration: $6.02 \times 10^9/L$	Percentage: 11.8 Lym#/WBC
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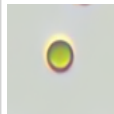
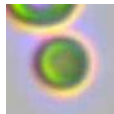
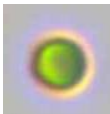
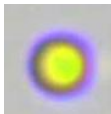
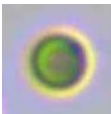
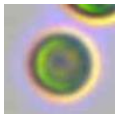
										
Monocytes	Count: 319.0	Concentration: 6.17 x 10^9/L					Percentage: 12.1 Mon#/WBC			

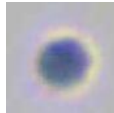
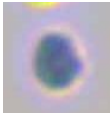
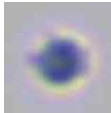
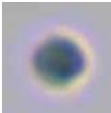
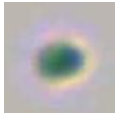
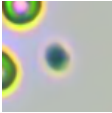
										
Eosinophils	Count: 10.0	Concentration: 0.20 x 10^9/L					Percentage: 0.4 Eos#/WBC			

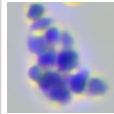
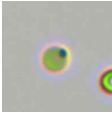
										
Basophils	Count:	Concentration:					Percentage:			

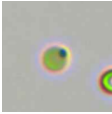
										
Normocyte	Count: 11849.0	Concentration: 0.82 x 10^12/L			Percentage: 85.5 Normocyte#/RBC	Reticulocytes	Count: 1894.0	Concentration: 116.71 x 10^9/L		Percentage: 14.29 RET#/RBC

										
Nucleated red blood cell	Count:	Concentration:			Percentage:					

										
Spherocytes	Count: 56.0	Concentration: 1.01 x 10^9/L			Percentage: 0.12 SPH#/RBC	Agglutinated erythrocytes	Count:	Concentration:		Percentage:

										
Normal platelets	Count: 7680.0	Concentration: 327 x 10^9/L			Percentage: 48.9 NPLT#/PLT	Large platelet	Count:	Concentration:		Percentage:

										
Aggregate platelets	Count:	Concentration:			Percentage:					

										
Heinz Bodies	Count:	Concentration:			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.
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.
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.
MCHC	Decreased levels: It is seen in microcytic hypochromic anemia such as iron deficiency anemia, thalassemia, reticulocytosis, etc.
RDW-CV	Elevated levels: It means that the size of red blood cells is not uniform, which can be used as a reference for the diagnosis of anemia.
RDW-SD	Elevated levels: It means that the size of red blood cells is not uniform, which can be used as a reference for the diagnosis of anemia.
RET#	Elevated levels: It is suggested that regenerative anemia caused by various reasons is secondary to blood loss, immune-mediated hemolytic anemia (IMHA) caused by infection or tumor, inflammation, drugs, vaccines, lead poisoning, etc.
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. Marian Wanagen

Date Reported: 30/08/2026

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