

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Natasha
Gender: Female
Sample ID: 260821005

Owner Name:
Age: 10Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 21/08/2026 17:01:42

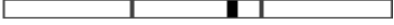
Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1 White blood cell count(WBC)	15.31	10 ⁹ /L	6.00-17.00			
1-2 Neutrophils(Neu#)	10.62	10 ⁹ /L	3.62-12.30			
1-3 Neutrophil stab granulocytes(Nst#)	0.02	10 ⁹ /L	0.00-1.00			
1-4 Neutrophil segmented granulocytes(Nsg#)	10.60	10 ⁹ /L	2.30-11.50			
1-5 Hypersegmented neutrophils(Nsh#)	0.00	10 ⁹ /L	0.00-3.50			
1-6 Lymphocytes(Lym#)	2.66	10 ⁹ /L	0.83-4.91			
1-7 Monocytes(Mon#)	0.28	10 ⁹ /L	0.14-1.97			
1-8 Eosinophils(Eos#)	1.70	↑ 10 ⁹ /L	0.04-1.62			
1-9 Basophils(Bas#)	0.05	10 ⁹ /L	0.00-0.12			
1-10 %Neutrophils(Neu%)	69.4	%	50.0-81.0			
1-11 %Neutrophil stab granulocyte in WBC(Nst/WBC%)	0.1	%	0.0-10.0			
1-12 %Neutrophil segmented granulocyte(Nsg%)	69.3	%	48.0-70.0			
1-13 %Hypersegmented neutrophils in WBC(Nsh/WBC%)	0.0	%	0.0-15.5			
1-14 %Lymphocytes(Lym%)	17.4	%	12.0-33.0			
1-15 %Monocytes(Mon%)	1.8	↓ %	2.0-13.0			
1-16 %Eosinophils(Eos%)	11.1	↑ %	0.5-10.0			
1-17 %Basophils(Bas%)	0.3	%	0.0-1.3			
1-18 %Neutrophil stab granulocyte in Neu(Nst/Neu%)	0.2	%	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)	9.69	↑ 10 ¹² /L	5.10-8.50			
2-2 Hemoglobin concentration(HGB)	227	↑ g/L	110-190			
2-3 Hematocrit(HCT)	66.1	↑ %	35.0-58.0			
2-4 Mean corpuscular volume(MCV)	68.2	fL	55.0-83.0			
2-5 Mean corpuscular hemoglobin(MCH)	23.4	pg	18.0-31.0			
2-6 Mean corpuscular hemoglobin concentration(MCHC)	343	g/L	260-430			
2-7 Red blood cell distribution width-Coefficient of Variation(RDW-CV)	14.7	%	11.2-21.3			
2-8 Red blood cell distribution width-Standard Deviation(RDW-SD)	38.5	fL	31.2-51.7			
2-9 Reticulocytes(RET#)	7.45	10 ⁹ /L	3.00-45.00			
2-10 %Reticulocytes(RET%)	0.08	%	0.00-1.00			
2-11 Mean reticulocyte volume(MCVr)	42.2	fL	30.0-120.0			
2-12 Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	47.8	%	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%)	0.01	%	0.00-3.00			
2-17 Spherocytes(SPH#)	1.95	10 ⁹ /L	0.00-150.00			
2-18 %Spherocytes(SPH%)	0.02	%	0.00-2.00			
2-19 Agglutinated erythrocytes(AGG#)	0.36	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)	292	10 ⁹ /L	117-490			
3-2 Mean platelet volume(MPV)	10.6	fL	8.4-14.1			

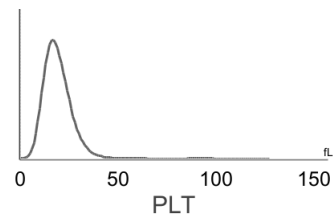
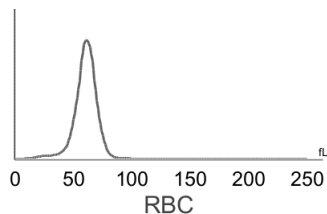
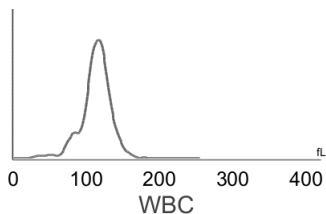


Hospital Tel: +639171533903

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



3-3Plateletcrit(PCT)	0.309	%	0.090-0.580	
3-4Platelet distribution width-Coefficient of Variation(PDW-CV)	69.1	%	30.0-80.0	
3-5Platelet distribution width-Standard Deviation(PDW-SD)	12.7	fL	5.0-20.0	
3-6Large platelet(LPLT#)	117	10^9/L	0-285	
3-7%Large platelet(P-LCR)	40.1	%	9.0-50.0	



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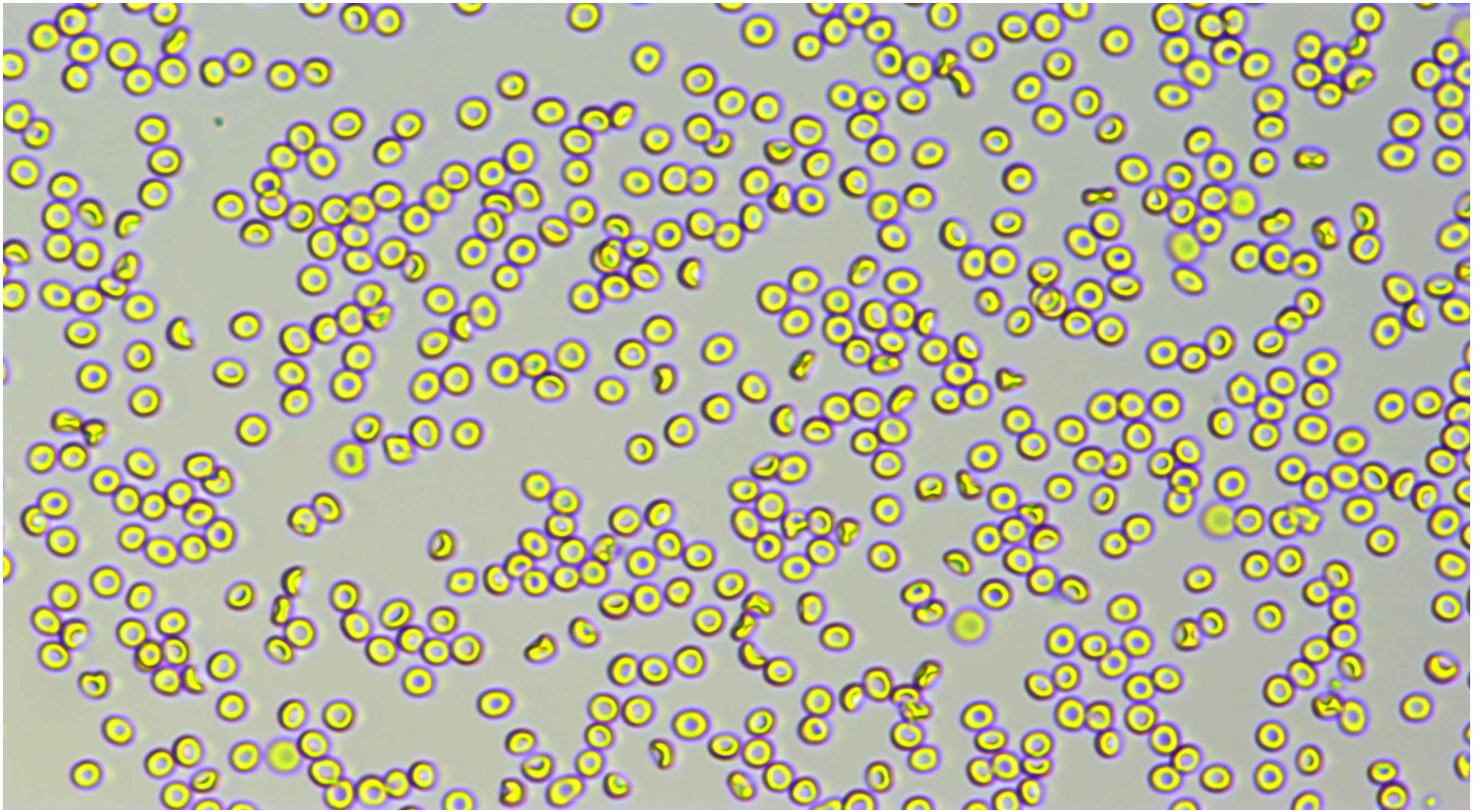
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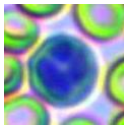
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Distribution Chart



Neutrophil stab granulocytes



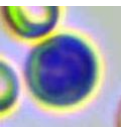
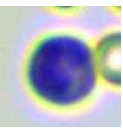
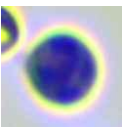
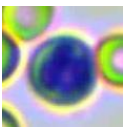
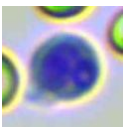
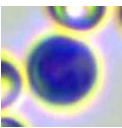
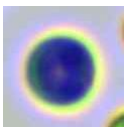
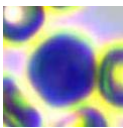
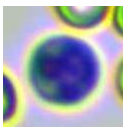
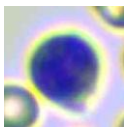
Count: 1.0

Concentration: $0.02 \times 10^9/L$

Percentage: 0.1 Nst#/WBC



Neutrophil segmented granulocytes



Count: 555.0

Concentration: $10.60 \times 10^9/L$

Percentage: 69.3 Nsg#/WBC

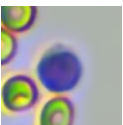


Hypersegmented neutrophils

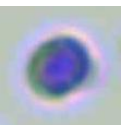
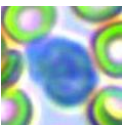
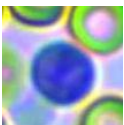
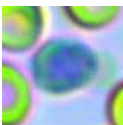
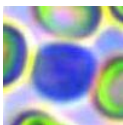
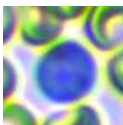
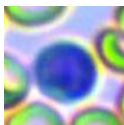
Count:

Concentration:

Percentage:



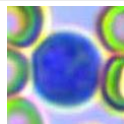
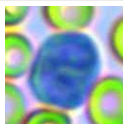
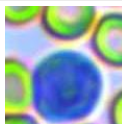
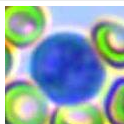
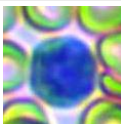
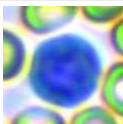
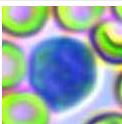
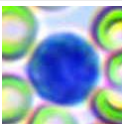
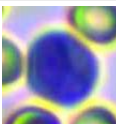
Lymphocytes

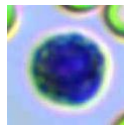
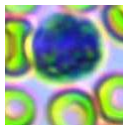
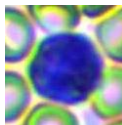
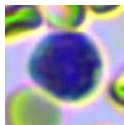
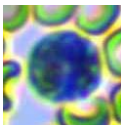
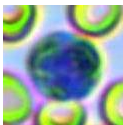
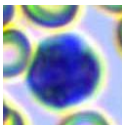
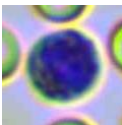
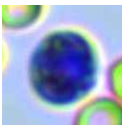
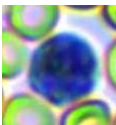


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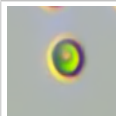
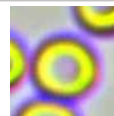
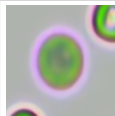
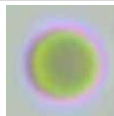
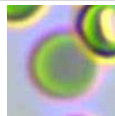
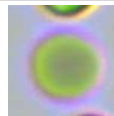
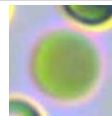
Concentration: $2.66 \times 10^9/L$

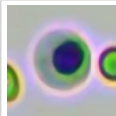
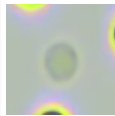
Percentage: 17.4 Lym#/WBC

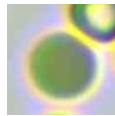
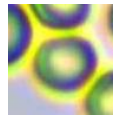
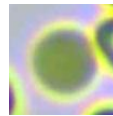
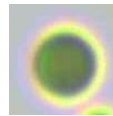
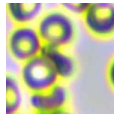
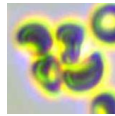
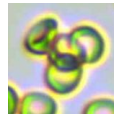
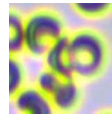
										
Monocytes	Count: 16.0		Concentration: 0.28 x 10^9/L				Percentage: 1.8 Mon#/WBC			

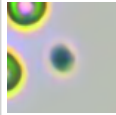
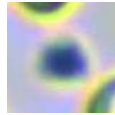
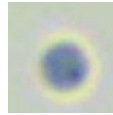
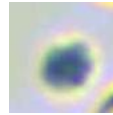
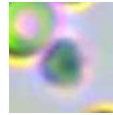
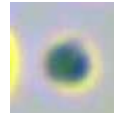
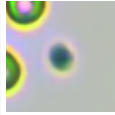
										
Eosinophils	Count: 88.0		Concentration: 1.70 x 10^9/L				Percentage: 11.1 Eos#/WBC			

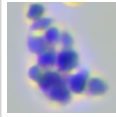
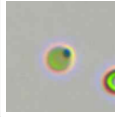
										
Basophils	Count:		Concentration:				Percentage:			

										
Normocyte	Count: 163283.0	Concentration: 9.69 x 10^12/L		Percentage: 100.0 Normocyte#/RBC		Reticulocytes	Count: 14.0	Concentration: 7.45 x 10^9/L		Percentage: 0.08 RET#/RBC

										
Nucleated red blood cell	Count:	Concentration:		Percentage:						

										
Spherocytes	Count: 108.0	Concentration: 1.95 x 10^9/L		Percentage: 0.02 SPH#/RBC		Agglutinated erythrocytes	Count: 5.0	Concentration: 0.36 x 10^9/L		Percentage:

										
Normal platelets	Count: 5387.0	Concentration: 292 x 10^9/L		Percentage: 60.0 NPLT#/PLT		Large platelet	Count:	Concentration:		Percentage:

										
Aggregate platelets	Count:	Concentration:		Percentage:						

	Count:	Concentration:		Percentage:		Heinz Bodies	Count:	Concentration:		Percentage:
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Clinical Significance

Eos#	Elevated levels: Suggesting parasitic infection; allergy; granulomatous inflammation; mastocytoma; eosinophilic leukemia, etc.
RBC	Elevated levels: Relative polycythemia caused by dehydration, vomiting, diarrhea, etc. is common, as well as related diseases caused by compensatory increase or pathological increase of erythropoietin (such as renal cyst, hydronephrosis, hypernephrosis, hyperthyroidism, etc.) due to various reasons; it can be seen in transient polycythemia and polycythemia vera caused by spleen contraction in excitable dogs and cats or some large breeds.
HGB	Elevated levels: Relative polycythemia caused by dehydration, vomiting, diarrhea, etc. is common, as well as related diseases caused by compensatory increase or pathological increase of erythropoietin (such as renal cyst, hydronephrosis, hypernephrosis, hyperthyroidism, etc.) due to various reasons; it can be seen in transient polycythemia and polycythemia vera caused by spleen contraction in excitable dogs and cats or some large breeds.
HCT	Elevated levels: It is commonly seen in dehydration, use of catecholamines, diseases related to compensatory or pathological increase of erythropoietin, hyperadrenocorticism, hyperthyroidism, acromegaly, etc.

Veterinary Technician: not specified
Attending Veterinarian: Dr. Mikaela Rabino

Date Reported: 21/08/2026

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



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