

Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Jiusa
 Gender: Male
 Test Number: 261008001
 Sample ID:

Owner Name: Recyn Garcia
 Age: 6M
 Sample Type: Blood

Species: Canine
 Patient or Visit NO.:
 Time Tested: 08/10/2026 10:59:49

Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1White blood cell count(WBC)	8.07	10 ⁹ /L	6.00-17.00			
1-2Neutrophils(Neu#)	5.74	10 ⁹ /L	3.62-12.30			
1-3Neutrophil stab granulocytes(Nst#)	0.02	10 ⁹ /L	0.00-1.00			
1-4Neutrophil segmented granulocytes(Nsg#)	5.72	10 ⁹ /L	2.30-11.50			
1-5Hypersegmented neutrophils(Nsh#)	0.00	10 ⁹ /L	0.00-3.50			
1-6Lymphocytes(Lym#)	0.95	10 ⁹ /L	0.83-4.91			
1-7Monocytes(Mon#)	0.79	10 ⁹ /L	0.14-1.97			
1-8Eosinophils(Eos#)	0.57	10 ⁹ /L	0.04-1.62			
1-9Basophils(Bas#)	0.02	10 ⁹ /L	0.00-0.12			
1-10%Neutrophils(Neu%)	71.0	%	50.0-81.0			
1-11%Neutrophil stab granulocyte in WBC(Nst/WBC%)	0.2	%	0.0-10.0			
1-12%Neutrophil segmented granulocyte(Nsg%)	70.8	↑ %	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%)	9.8	%	2.0-13.0			
1-16%Eosinophils(Eos%)	7.1	%	0.5-10.0			
1-17%Basophils(Bas%)	0.3	%	0.0-1.3			
1-18%Neutrophil stab granulocyte in Neu(Nst/Neu%)	0.3	%	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)	8.30	10 ¹² /L	5.10-8.50			
2-2Hemoglobin concentration(HGB)	191	↑ g/L	110-190			
2-3Hematocrit(HCT)	56.2	%	35.0-58.0			
2-4Mean corpuscular volume(MCV)	67.7	fL	55.0-83.0			
2-5Mean corpuscular hemoglobin(MCH)	23.0	pg	18.0-31.0			
2-6Mean corpuscular hemoglobin concentration(MCHC)	341	g/L	260-430			
2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)	14.9	%	11.2-21.3			
2-8Red blood cell distribution width-Standard Deviation(RDW-SD)	38.5	fL	31.2-51.7			
2-9Reticulocytes(RET#)	8.62	10 ⁹ /L	3.00-45.00			
2-10%Reticulocytes(RET%)	0.10	%	0.00-1.00			
2-11Mean reticulocyte volume(MCVr)	48.2	fL	30.0-120.0			
2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV)	43.8	%	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%)	0.00	%	0.00-3.00			
2-17Spherocytes(SPH#)	0.11	10 ⁹ /L	0.00-150.00			
2-18%Spherocytes(SPH%)	0.00	%	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)	57	↓ 10 ⁹ /L	117-490			

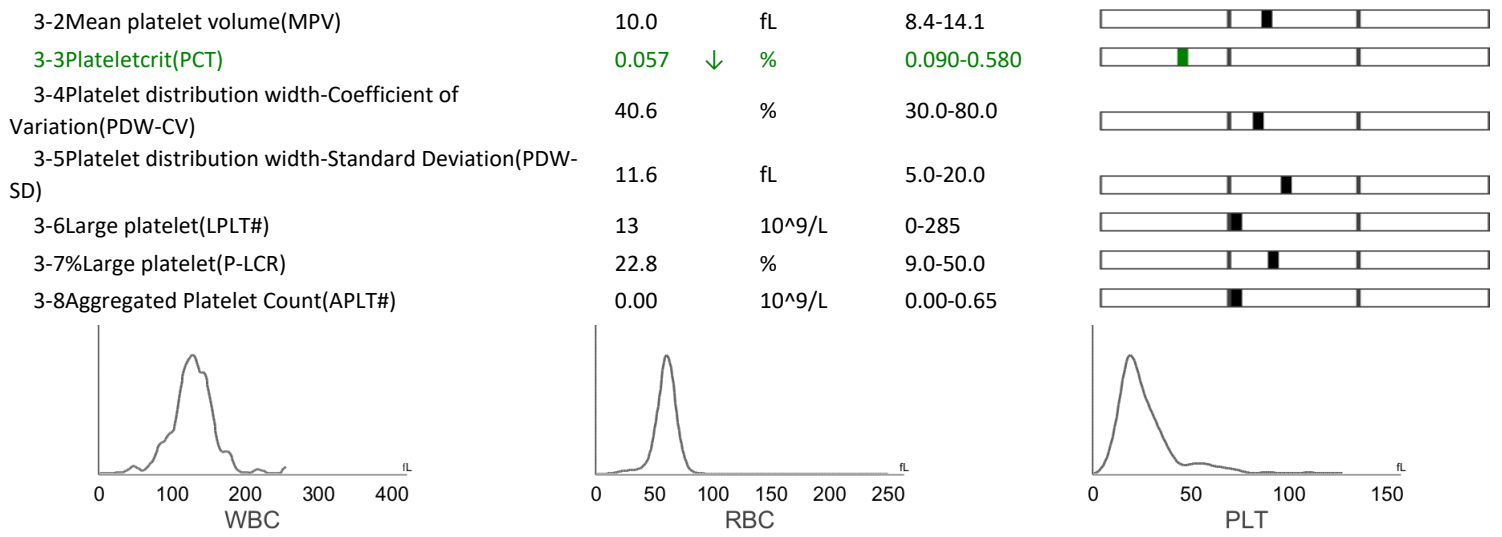


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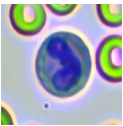
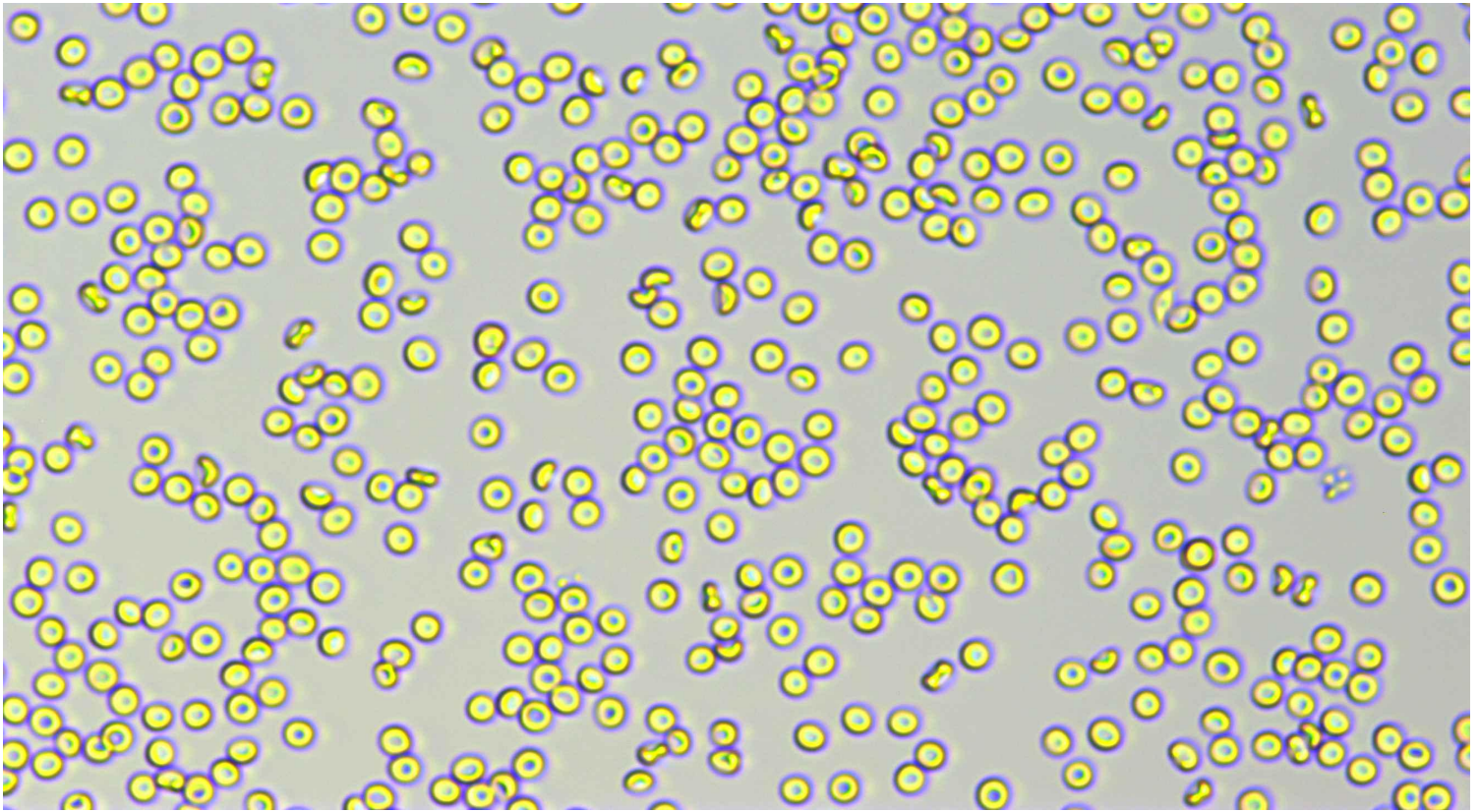
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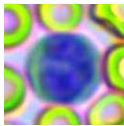
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Distribution Chart



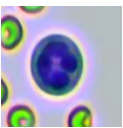
Neutrophil stab granulocytes



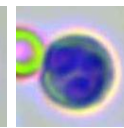
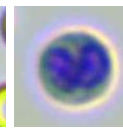
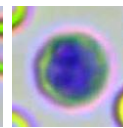
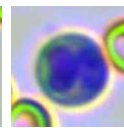
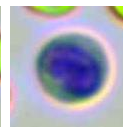
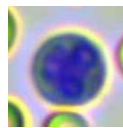
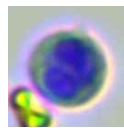
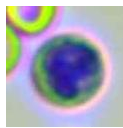
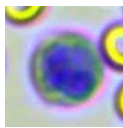
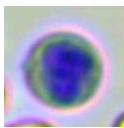
Count: 1.0

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

Percentage: 0.2 Nst#/WBC



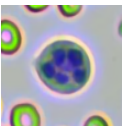
Neutrophil segmented granulocytes



Count: 302.0

Concentration: $5.72 \times 10^9/L$

Percentage: 70.8 Nsg#/WBC

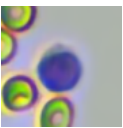


Hypersegmented neutrophils

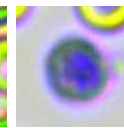
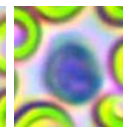
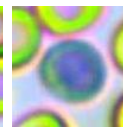
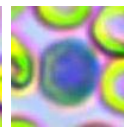
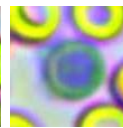
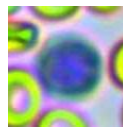
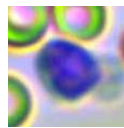
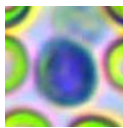
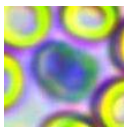
Count:

Concentration:

Percentage:



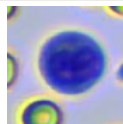
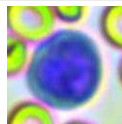
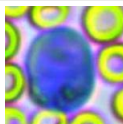
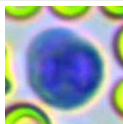
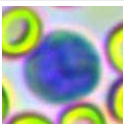
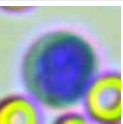
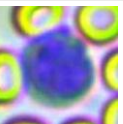
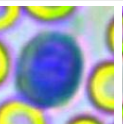
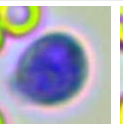
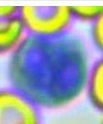
Lymphocytes

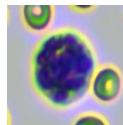
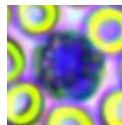
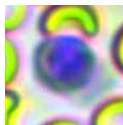
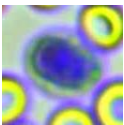
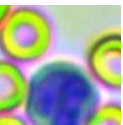
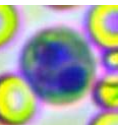
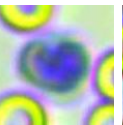
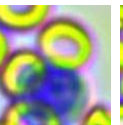


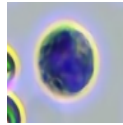
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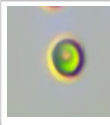
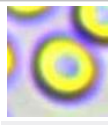
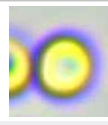
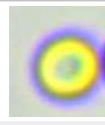
Concentration: $0.95 \times 10^9/L$

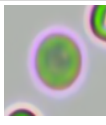
Percentage: 11.8 Lym#/WBC

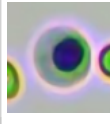
										
Monocytes	Count: 42.0		Concentration: 0.79 x 10^9/L				Percentage: 9.8 Mon#/WBC			

										
Eosinophils	Count: 31.0		Concentration: 0.57 x 10^9/L				Percentage: 7.1 Eos#/WBC			

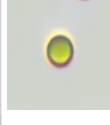
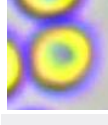
										
Basophils	Count:		Concentration:				Percentage:			

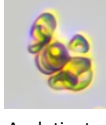
										
Normocyte	Count: 140218.0	Concentration: 8.30 x 10^12/L		Percentage: 100.0 Normocyte#/RBC						

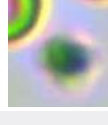
					
Reticulocytes	Count:	Concentration:		Percentage:	

					
Nucleated red blood cell	Count:	Concentration:		Percentage:	

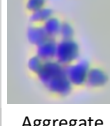
					
Erythrocyte ghost	Count:	Concentration:		Percentage:	

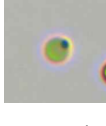
										
Spherocytes	Count: 5.0	Concentration: 0.11 x 10^9/L		Percentage: 0.00 SPH#/RBC						

					
Agglutinated erythrocytes	Count:	Concentration:		Percentage:	

										
Normal platelets	Count: 520.0	Concentration: 57 x 10^9/L		Percentage: 77.2 NPLT#/PLT						

					
Large platelet	Count:	Concentration:		Percentage:	

					
Aggregate platelets	Count:	Concentration:		Percentage:	

					
Heinz Bodies	Count:	Concentration:		Percentage:	

Clinical Significance

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.
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.
PCT	Decreased levels: Indicating thrombocytopenia.

Veterinary Technician: n/a



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