

# Pet Doctors Veterinary Supplies and Services

## Blood Morphology Analysis Report

Pet Name: Cookie

Owner Name: Alyzza Cuison

Species: Canine

Gender: Female

Age: 2Y

Patient or Visit NO.:

Sample ID: 260414007

Sample Type: Blood

Time Tested: 14/04/2026 15:56:52

Test	Result		Unit	Reference Range	Low	Normal	High
<b>1.WBC</b>							
1-1WBC	5.03	↓	10 <sup>9</sup> /L	6.00-17.00			
1-2Neu#	3.60	↓	10 <sup>9</sup> /L	3.62-12.30			
1-3Nst#	0.02		10 <sup>9</sup> /L	0.00-1.00			
1-4Nsg#	3.58		10 <sup>9</sup> /L	2.30-11.50			
1-5Nsh#	0.00		10 <sup>9</sup> /L	0.00-3.50			
1-6Lym#	1.23		10 <sup>9</sup> /L	0.83-4.91			
1-7Mon#	0.06	↓	10 <sup>9</sup> /L	0.14-1.97			
1-8Eos#	0.14		10 <sup>9</sup> /L	0.04-1.62			
1-9Bas#	0.00		10 <sup>9</sup> /L	0.00-0.12			
1-10Neu%	71.5		%	50.0-81.0			
1-11Nst/WBC%	0.4		%	0.0-10.0			
1-12Nsg%	71.1	↑	%	48.0-70.0			
1-13Nsh/WBC%	0.0		%	0.0-15.5			
1-14Lym%	24.5		%	12.0-33.0			
1-15Mon%	1.2	↓	%	2.0-13.0			
1-16Eos%	2.8		%	0.5-10.0			
1-17Bas%	0.0		%	0.0-1.3			
1-18Nst/Neu%	0.6		%	0.0-22.0			
1-19Nsh/Neu%	0.0		%	0.0-20.0			
<b>2.RBC</b>							
2-1RBC	2.04	↓	10 <sup>12</sup> /L	5.10-8.50			
2-2HGB	51	↓	g/L	110-190			
2-3HCT	15.8	↓	%	35.0-58.0			
2-4MCV	77.4		fL	55.0-83.0			
2-5MCH	24.9		pg	18.0-31.0			
2-6MCHC	322		g/L	260-430			
2-7RDW-CV	13.7		%	11.2-21.3			
2-8RDW-SD	40.3		fL	31.2-51.7			
2-9RET#	7.41		10 <sup>9</sup> /L	3.00-45.00			
2-10RET%	0.36		%	0.00-1.00			
2-11MCVr	43.2		fL	30.0-120.0			
2-12MCVr-CV	50.0		%	20.0-80.0			
2-13NRBC#	0.00		10 <sup>9</sup> /L	0.00-0.10			
2-14NRBC/WBC%	0.00		%	0.00-0.50			
2-15ETG#	0.00		10 <sup>12</sup> /L	0.00-0.10			
2-16ETG%	0.08		%	0.00-3.00			
2-17SPH#	0.80		10 <sup>9</sup> /L	0.00-150.00			
2-18SPH%	0.04		%	0.00-2.00			
2-19AGG#	0.00		10 <sup>9</sup> /L	0.00-0.50			
<b>3.PLT</b>							
3-1PLT	91	↓	10 <sup>9</sup> /L	117-490			
3-2MPV	13.6		fL	8.4-14.1			
3-3PCT	0.124		%	0.090-0.580			
3-4PDW-CV	51.7		%	30.0-80.0			
3-5PDW-SD	12.6		fL	5.0-20.0			
3-6LPLT#	55		10 <sup>9</sup> /L	0-285			
3-7P-LCR	59.7	↑	%	9.0-50.0			



Hospital Tel: +639171533903

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



# Pet Doctors Veterinary Supplies and Services

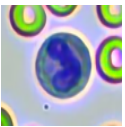
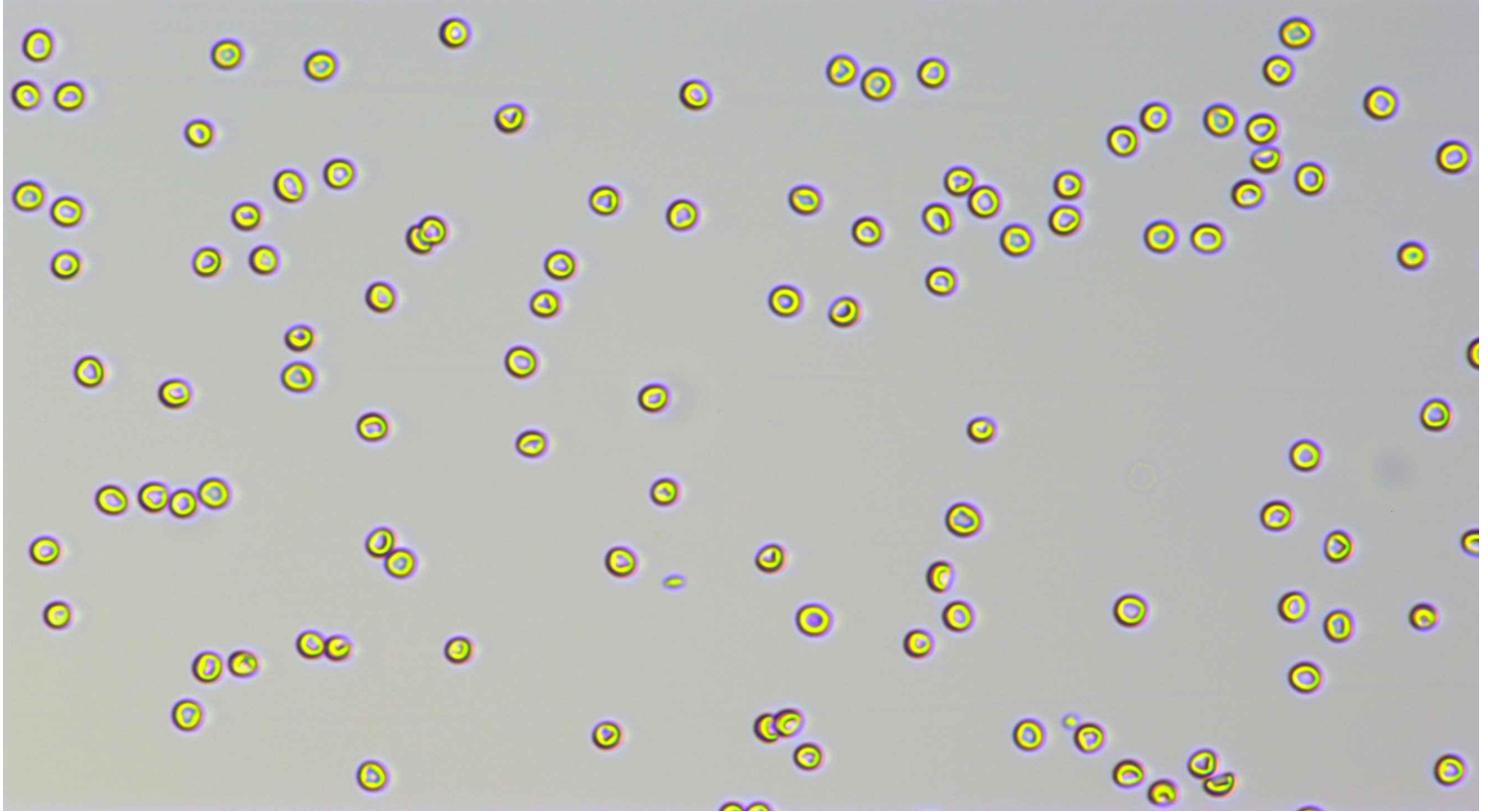
## Blood Morphology Analysis Report

Pet Name: Cookie  
 Gender: Female  
 Sample ID: 260414007

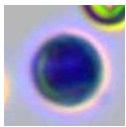
Owner Name: Alyzza Cuison  
 Age: 2Y  
 Sample Type: Blood

Species: Canine  
 Patient or Visit NO.:  
 Time Tested: 14/04/2026 15:56:52

### Distribution Chart



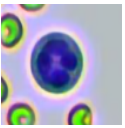
Neutrophil stab granulocytes



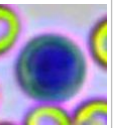
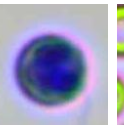
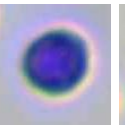
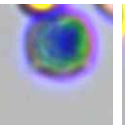
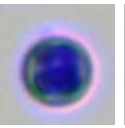
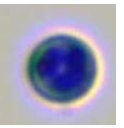
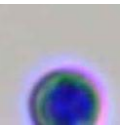
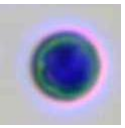
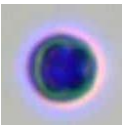
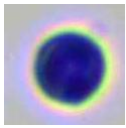
Count: 1.0

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

Percentage: 0.4 Nst#/WBC



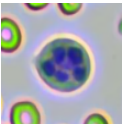
Neutrophil segmented granulocytes



Count: 187.0

Concentration:  $3.58 \times 10^9/L$

Percentage: 71.1 Nsg#/WBC

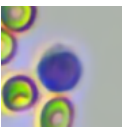


Hypersegmented neutrophils

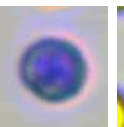
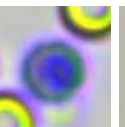
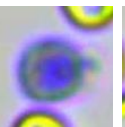
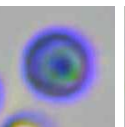
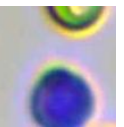
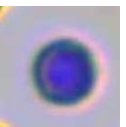
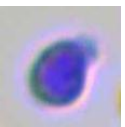
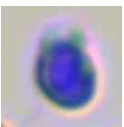
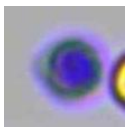
Count:

Concentration:

Percentage:



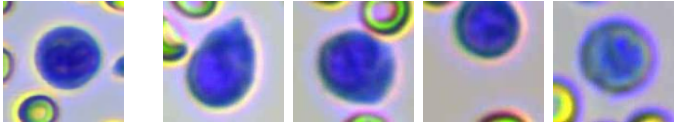
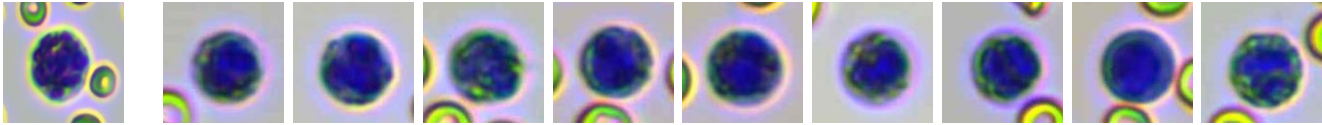
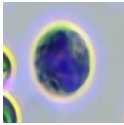
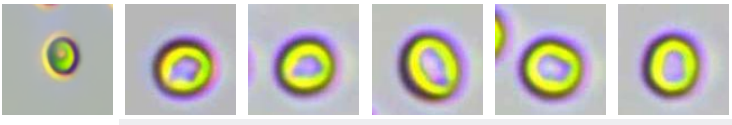
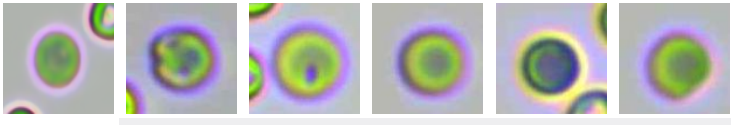
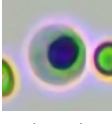
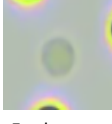
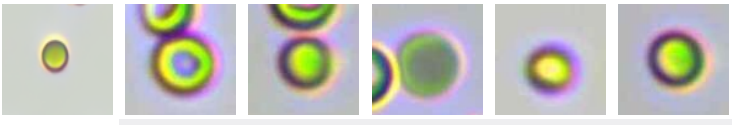

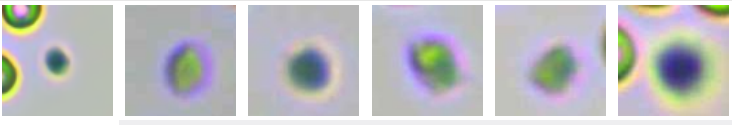
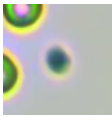
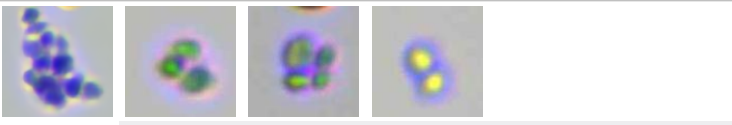
Lymphocytes



Count: 67.0

Concentration:  $1.23 \times 10^9/L$

Percentage: 24.5 Lym#/WBC

	Monocytes	Count: 4.0	Concentration: $0.06 \times 10^9/L$	Percentage: 1.2 Mon#/WBC
	Eosinophils	Count: 9.0	Concentration: $0.14 \times 10^9/L$	Percentage: 2.8 Eos#/WBC
	Basophils	Count:	Concentration:	Percentage:
	Normocyte	Count: 34719.0	Concentration: $2.04 \times 10^{12}/L$	Percentage: 99.9 Normocyte#/RBC
	Reticulocytes	Count: 12.0	Concentration: $7.41 \times 10^9/L$	Percentage: 0.36 RET#/RBC
	Nucleated red blood cell	Count:	Concentration:	Percentage:
	Erythrocyte ghost	Count:	Concentration:	Percentage:
	Spherocytes	Count: 11.0	Concentration: $0.80 \times 10^9/L$	Percentage: 0.04 SPH#/RBC
	Agglutinated erythrocytes	Count:	Concentration:	Percentage:
	Normal platelets	Count: 1195.0	Concentration: $91 \times 10^9/L$	Percentage: 40.3 NPLT#/PLT
	Large platelet	Count:	Concentration:	Percentage:
	Aggregate platelets	Count: 3.0	Concentration: $0.00 \times 10^9/L$	Percentage:

### Clinical Significance

Neu#	<b>Decreased levels:</b> It is commonly seen in infectious diseases such as feline panleukopenia, toxoplasmosis, histoplasmosis, etc.; drug-induced, infections such as acute, late severe bacterial infections or septicemia, immune-mediated diseases, shock, poisoning, bone marrow abnormalities, pre-leukemia syndrome.
Mon#	<b>Decreased levels:</b> It is suggested that the initial stage of acute infectious diseases, the use of glucocorticoids and immunosuppressants, hematological diseases, autoimmune diseases, and the critical stage of various diseases.
RBC	<b>Decreased levels:</b> 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	<b>Decreased levels:</b> It is common in anemia caused by various reasons, such as hemolytic anemia, blood loss and anemia caused by parasitic infection.
HCT	<b>Decreased levels:</b> It is common in anemia caused by various reasons.

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.

P-LCR

**Elevated levels:**It is commonly seen in bone marrow reactive thrombocytopenia.

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Veterinary Technician:

Attending Veterinarian: Dr. Ricardo Valdez

Date Reported: 15/04/2026

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