

# Pet Doctors Veterinary Supplies and Services

## Blood Morphology Analysis Report

Pet Name: Madison  
Gender: Female  
Sample ID: 260827002

Owner Name: Erika Cayabiyab  
Age: 7M  
Sample Type: Blood

Species: Feline  
Patient or Visit NO.:  
Time Tested: 27/08/2026 14:55:24

| Test                                                                              | Result  | Unit                | Reference Range | Low | Normal | High |
|-----------------------------------------------------------------------------------|---------|---------------------|-----------------|-----|--------|------|
| <b>1.WBC</b>                                                                      |         |                     |                 |     |        |      |
| 1-1White blood cell count(WBC)                                                    | 16.99   | 10 <sup>9</sup> /L  | 3.26-19.00      |     |        |      |
| 1-2Neutrophils(Neu#)                                                              | 11.35   | 10 <sup>9</sup> /L  | 1.75-11.50      |     |        |      |
| 1-3Neutrophil stab granulocytes(Nst#)                                             | 0.19    | 10 <sup>9</sup> /L  | 0.00-1.00       |     |        |      |
| 1-4Neutrophil segmented granulocytes(Nsg#)                                        | 11.16 ↑ | 10 <sup>9</sup> /L  | 2.10-11.00      |     |        |      |
| 1-5Hypersegmented neutrophils(Nsh#)                                               | 0.00    | 10 <sup>9</sup> /L  | 0.00-0.50       |     |        |      |
| 1-6Lymphocytes(Lym#)                                                              | 3.84    | 10 <sup>9</sup> /L  | 0.73-7.86       |     |        |      |
| 1-7Monocytes(Mon#)                                                                | 0.10    | 10 <sup>9</sup> /L  | 0.07-1.79       |     |        |      |
| 1-8Eosinophils(Eos#)                                                              | 1.70    | 10 <sup>9</sup> /L  | 0.06-1.93       |     |        |      |
| 1-9Basophils(Bas#)                                                                | 0.00    | 10 <sup>9</sup> /L  | 0.00-0.15       |     |        |      |
| 1-10%Neutrophils(Neu%)                                                            | 66.8    | %                   | 30.0-80.0       |     |        |      |
| 1-11%Neutrophil stab granulocyte in WBC(Nst/WBC%)                                 | 1.1     | %                   | 0.0-12.0        |     |        |      |
| 1-12%Neutrophil segmented granulocyte(Nsg%)                                       | 65.7    | %                   | 35.0-70.0       |     |        |      |
| 1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)                                  | 0.0     | %                   | 0.0-3.0         |     |        |      |
| 1-14%Lymphocytes(Lym%)                                                            | 22.6    | %                   | 7.0-50.0        |     |        |      |
| 1-15%Monocytes(Mon%)                                                              | 0.6 ↓   | %                   | 1.0-13.0        |     |        |      |
| 1-16%Eosinophils(Eos%)                                                            | 10.0    | %                   | 0.5-11.0        |     |        |      |
| 1-17%Basophils(Bas%)                                                              | 0.0     | %                   | 0.0-1.5         |     |        |      |
| 1-18%Neutrophil stab granulocyte in Neu(Nst/Neu%)                                 | 1.7     | %                   | 0.0-16.0        |     |        |      |
| 1-19%Hypersegmented neutrophils in Neu(Nsh/Neu%)                                  | 0.0     | %                   | 0.0-5.0         |     |        |      |
| <b>2.RBC</b>                                                                      |         |                     |                 |     |        |      |
| 2-1Red blood cell count(RBC)                                                      | 5.57    | 10 <sup>12</sup> /L | 4.60-10.20      |     |        |      |
| 2-2Hemoglobin concentration(HGB)                                                  | 86      | g/L                 | 85-153          |     |        |      |
| 2-3Hematocrit(HCT)                                                                | 26.5 ↓  | %                   | 28.0-49.0       |     |        |      |
| 2-4Mean corpuscular volume(MCV)                                                   | 47.5    | fL                  | 35.0-58.0       |     |        |      |
| 2-5Mean corpuscular hemoglobin(MCH)                                               | 15.5    | pg                  | 10.0-20.0       |     |        |      |
| 2-6Mean corpuscular hemoglobin concentration(MCHC)                                | 327     | g/L                 | 250-430         |     |        |      |
| 2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)             | 17.6    | %                   | 15.0-26.0       |     |        |      |
| 2-8Red blood cell distribution width-Standard Deviation(RDW-SD)                   | 30.0    | fL                  | 25.1-46.3       |     |        |      |
| 2-9Reticulocytes(RET#)                                                            | 7.21    | 10 <sup>9</sup> /L  | 3.66-54.06      |     |        |      |
| 2-10%Reticulocytes(RET%)                                                          | 0.13    | %                   | 0.05-1.17       |     |        |      |
| 2-11Mean reticulocyte volume(MCVr)                                                | 49.1    | fL                  | 30.0-120.0      |     |        |      |
| 2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV) | 48.9    | %                   | 20.0-80.0       |     |        |      |
| 2-13Nucleated red blood cell(NRBC#)                                               | 0.00    | 10 <sup>9</sup> /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 <sup>12</sup> /L | 0.00-0.15       |     |        |      |
| 2-16%Erythrocyte ghost(ETG%)                                                      | 0.02    | %                   | 0.00-3.00       |     |        |      |
| 2-17Spherocytes(SPH#)                                                             | 1.38    | 10 <sup>9</sup> /L  | 0.00-150.00     |     |        |      |
| 2-18%Spherocytes(SPH%)                                                            | 0.03    | %                   | 0.00-3.00       |     |        |      |
| 2-19Agglutinated erythrocytes(AGG#)                                               | 0.00    | 10 <sup>9</sup> /L  | 0.00-0.50       |     |        |      |
| 2-20Heinz Bodies(HBRBC#)                                                          | 0.00    | 10 <sup>9</sup> /L  | 0.00-0.00       |     |        |      |
| <b>3.PLT</b>                                                                      |         |                     |                 |     |        |      |
| 3-1Platelet(PLT)                                                                  | 1282 ↑  | 10 <sup>9</sup> /L  | 100-518         |     |        |      |
| 3-2Mean platelet volume(MPV)                                                      | 12.7    | fL                  | 9.9-16.3        |     |        |      |

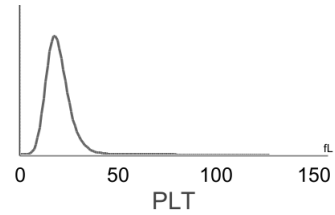
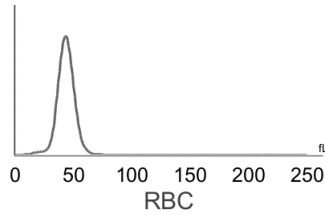
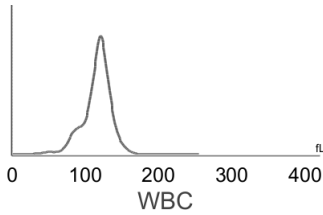


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**Hospital Add: McArthur Highway, San Miguel, Calasiao, Pangasinan**



|                                                                 |       |   |        |             |                                                                                     |
|-----------------------------------------------------------------|-------|---|--------|-------------|-------------------------------------------------------------------------------------|
| 3-3Plateletcrit(PCT)                                            | 1.633 | ↑ | %      | 0.090-0.700 |    |
| 3-4Platelet distribution width-Coefficient of Variation(PDW-CV) | 56.6  |   | %      | 40.0-75.0   |  |
| 3-5Platelet distribution width-Standard Deviation(PDW-SD)       | 10.5  |   | fL     | 7.0-31.5    |  |
| 3-6Large platelet(LPLT#)                                        | 329   | ↑ | 10^9/L | 0-285       |  |
| 3-7%Large platelet(P-LCR)                                       | 25.7  |   | %      | 9.0-55.0    |  |



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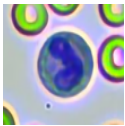
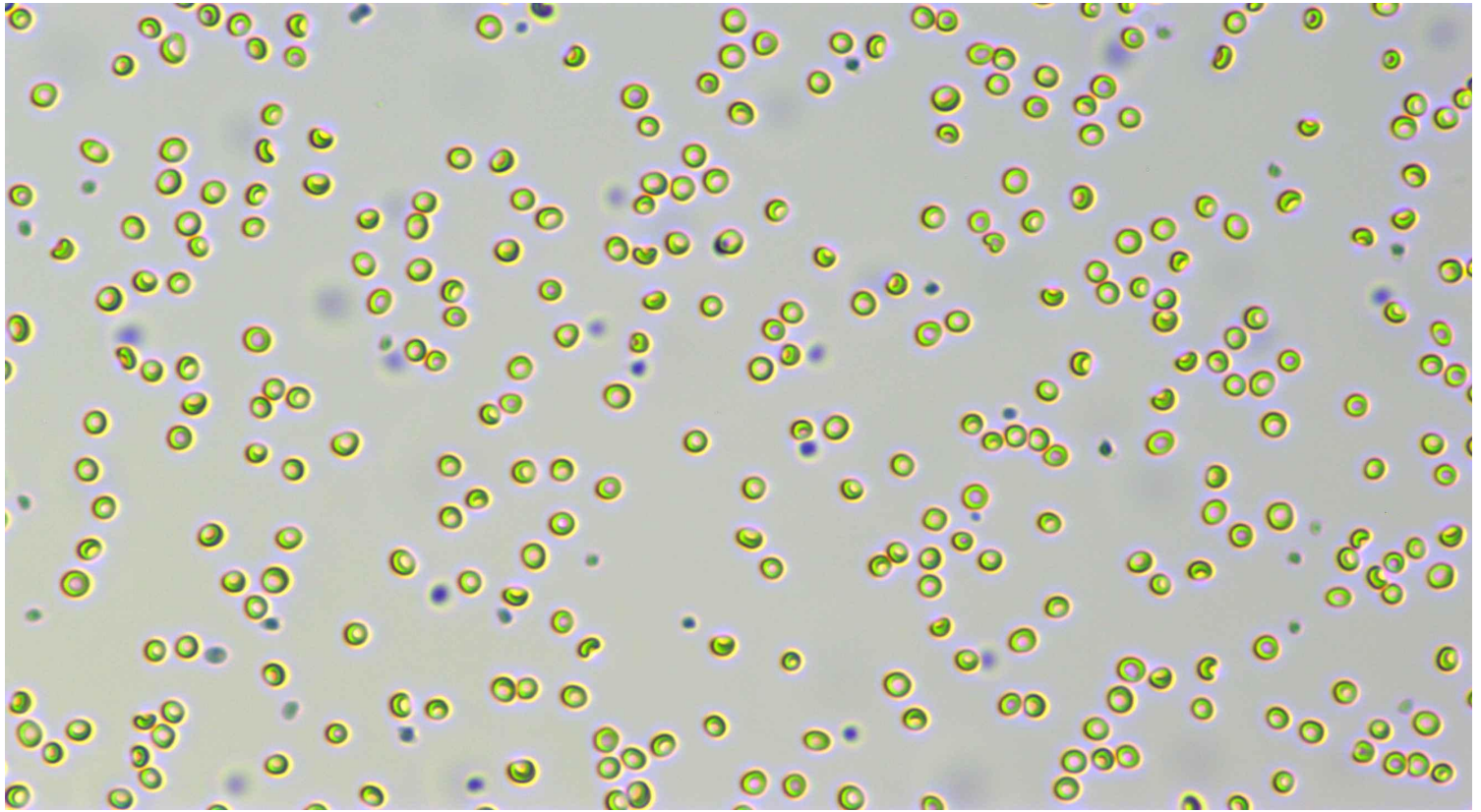
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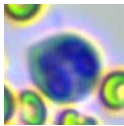
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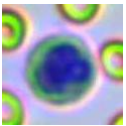
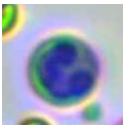
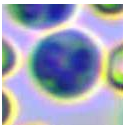
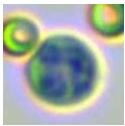
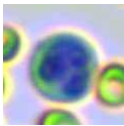
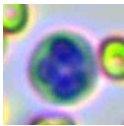
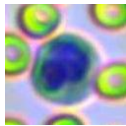
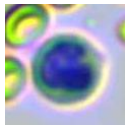
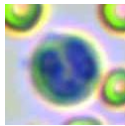
### Distribution Chart



Neutrophil stab granulocytes

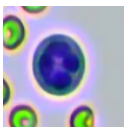


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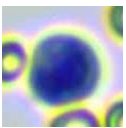
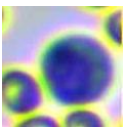
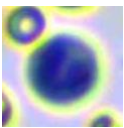
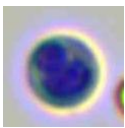
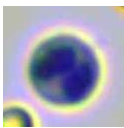
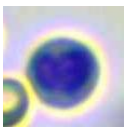
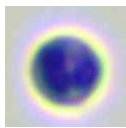
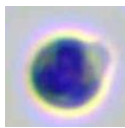
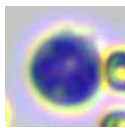
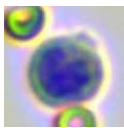


Concentration:  $0.19 \times 10^9/L$

Percentage: 1.1 Nst#/WBC



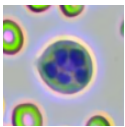
Neutrophil segmented granulocytes



Count: 615.0

Concentration:  $11.16 \times 10^9/L$

Percentage: 65.7 Nsg#/WBC

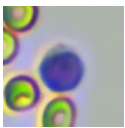


Hypersegmented neutrophils

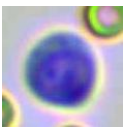
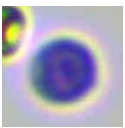
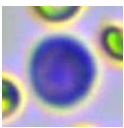
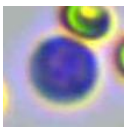
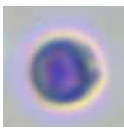
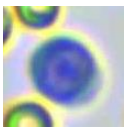
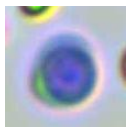
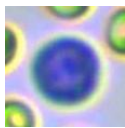
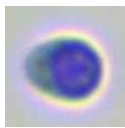
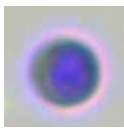
Count:

Concentration:

Percentage:



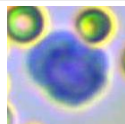
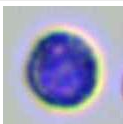
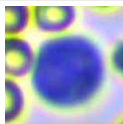
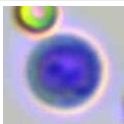
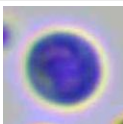
Lymphocytes

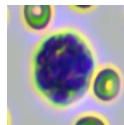
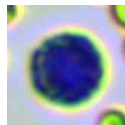
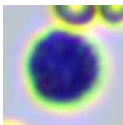
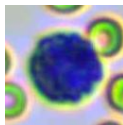
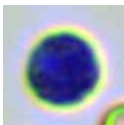
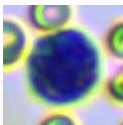
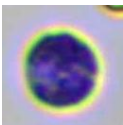
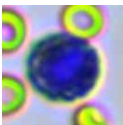
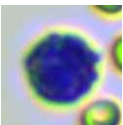
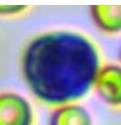
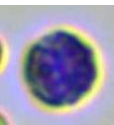


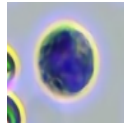
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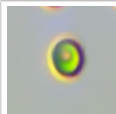
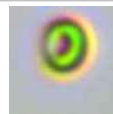
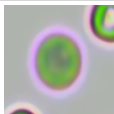
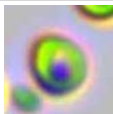
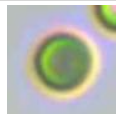
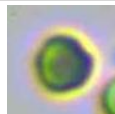
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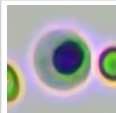
Percentage: 22.6 Lym#/WBC

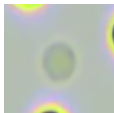
|                                                                                 |                                                                                  |                                                                                  |                                                                                  |                                                                                  |                                                                                  |  |  |  |  |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |
| Monocytes                                                                       | Count: 5.0                                                                       | Concentration: 0.10 x 10^9/L                                                     |                                                                                  |                                                                                  | Percentage: 0.6 Mon#/WBC                                                         |  |  |  |  |

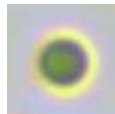
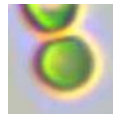
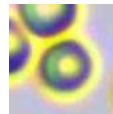
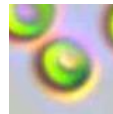
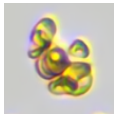
|                                                                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
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| Eosinophils                                                                      | Count: 94.0                                                                       | Concentration: 1.70 x 10^9/L                                                      |                                                                                   |                                                                                   | Percentage: 10.0 Eos#/WBC                                                         |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

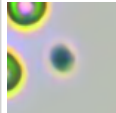
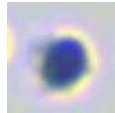
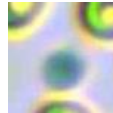
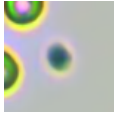
|                                                                                  |        |                |  |  |             |  |  |  |  |  |
|----------------------------------------------------------------------------------|--------|----------------|--|--|-------------|--|--|--|--|--|
|  |        |                |  |  |             |  |  |  |  |  |
| Basophils                                                                        | Count: | Concentration: |  |  | Percentage: |  |  |  |  |  |

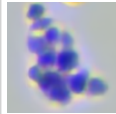
|                                                                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
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|  |  |  |  |  |  |  |  |  |  |  |
| Normocyte                                                                        | Count: 89229.0                                                                    | Concentration: 5.57 x 10^12/L                                                     |                                                                                   |                                                                                   | Percentage: 100.0 Normocyte#/RBC                                                  | Reticulocytes                                                                     | Count: 4.0                                                                         | Concentration: 7.21 x 10^9/L                                                        |                                                                                     | Percentage: 0.13 RET#/RBC                                                           |

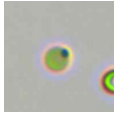
|                                                                                  |        |                |  |  |             |  |  |  |  |  |
|----------------------------------------------------------------------------------|--------|----------------|--|--|-------------|--|--|--|--|--|
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| Nucleated red blood cell                                                         | Count: | Concentration: |  |  | Percentage: |  |  |  |  |  |

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| Erythrocyte ghost                                                                 | Count: | Concentration: |  |  | Percentage: |  |  |  |  |  |

|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |                |  |             |
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|  |  |  |  |  |  |  |        |                |  |             |
| Spherocytes                                                                        | Count: 67.0                                                                         | Concentration: 1.38 x 10^9/L                                                        |                                                                                     |                                                                                     | Percentage: 0.03 SPH#/RBC                                                           | Agglutinated erythrocytes                                                           | Count: | Concentration: |  | Percentage: |

|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |                |  |             |
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|  |  |  |  |  |  |  |        |                |  |             |
| Normal platelets                                                                   | Count: 21330.0                                                                      | Concentration: 1282 x 10^9/L                                                        |                                                                                     |                                                                                     | Percentage: 74.3 NPLT#/PLT                                                          | Large platelet                                                                      | Count: | Concentration: |  | Percentage: |

|                                                                                    |        |                |  |  |             |  |  |  |  |  |
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| Aggregate platelets                                                                | Count: | Concentration: |  |  | Percentage: |  |  |  |  |  |

|                                                                                     |        |                |  |  |             |  |  |  |  |  |
|-------------------------------------------------------------------------------------|--------|----------------|--|--|-------------|--|--|--|--|--|
|  |        |                |  |  |             |  |  |  |  |  |
| Heinz Bodies                                                                        | Count: | Concentration: |  |  | Percentage: |  |  |  |  |  |

### Clinical Significance

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nsg#  | <b>Elevated levels:</b> It is suggested that various acute infections, inflammations, stress reactions, some hematological diseases, toxic diseases, etc.                                                                                                                                                                                                                                                                                                                                             |
| HCT   | <b>Decreased levels:</b> It is common in anemia caused by various reasons.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PLT   | <b>Elevated levels:</b> 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   | <b>Elevated levels:</b> Indicating an increase in platelets or large platelets.                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LPLT# | <b>Elevated levels:</b> Indicating increased platelet production, seen in reactive increased platelet production, such as inflammation, infection, iron deficiency anemia, drug reactions, etc.; platelet consumption, bleeding, myeloproliferative diseases and myelodysplastic diseases, etc., need to be judged in combination with platelet indicators.                                                                                                                                           |

Veterinary Technician: not specified

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