

# Pet Doctors Veterinary Supplies and Services

## Blood Morphology Analysis Report

Pet Name: Habibi  
Gender: Female  
Sample ID: 260729001

Owner Name: Arlene Vidal  
Age: 2Y  
Sample Type: Blood

Species: Canine  
Patient or Visit NO.:  
Time Tested: 29/07/2026 10:42:53

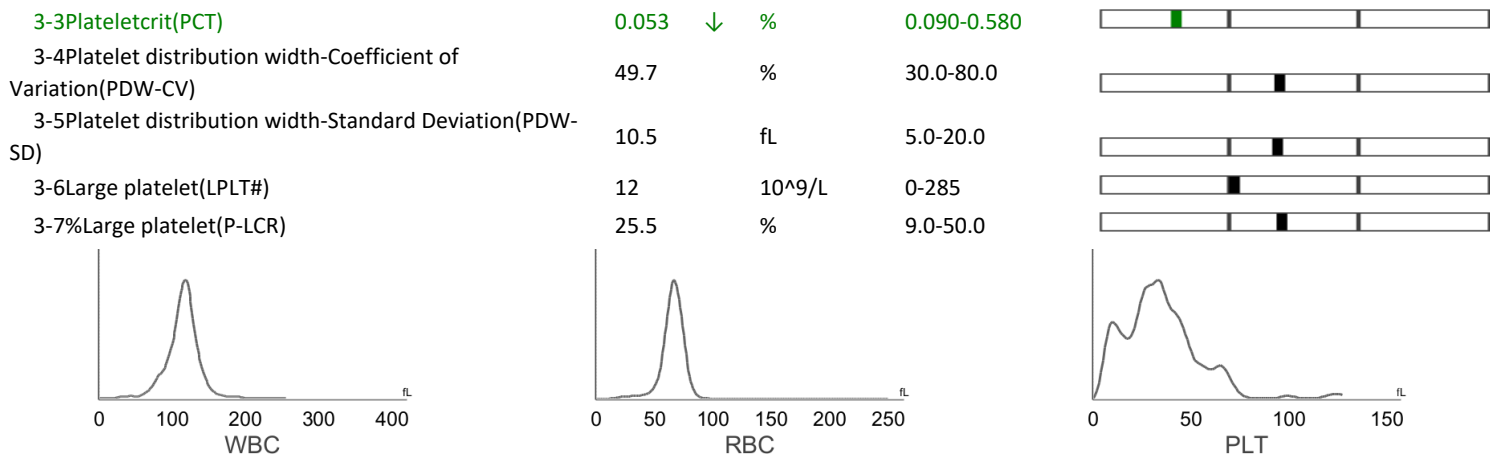
| Test                                                                               | Result  | Unit                | Reference Range | Low | Normal | High |
|------------------------------------------------------------------------------------|---------|---------------------|-----------------|-----|--------|------|
| <b>1.WBC</b>                                                                       |         |                     |                 |     |        |      |
| 1-1 White blood cell count(WBC)                                                    | 17.67 ↑ | 10 <sup>9</sup> /L  | 6.00-17.00      |     |        |      |
| 1-2 Neutrophils(Neu#)                                                              | 11.56   | 10 <sup>9</sup> /L  | 3.62-12.30      |     |        |      |
| 1-3 Neutrophil stab granulocytes(Nst#)                                             | 0.00    | 10 <sup>9</sup> /L  | 0.00-1.00       |     |        |      |
| 1-4 Neutrophil segmented granulocytes(Nsg#)                                        | 11.56 ↑ | 10 <sup>9</sup> /L  | 2.30-11.50      |     |        |      |
| 1-5 Hypersegmented neutrophils(Nsh#)                                               | 0.00    | 10 <sup>9</sup> /L  | 0.00-3.50       |     |        |      |
| 1-6 Lymphocytes(Lym#)                                                              | 4.60    | 10 <sup>9</sup> /L  | 0.83-4.91       |     |        |      |
| 1-7 Monocytes(Mon#)                                                                | 0.92    | 10 <sup>9</sup> /L  | 0.14-1.97       |     |        |      |
| 1-8 Eosinophils(Eos#)                                                              | 0.55    | 10 <sup>9</sup> /L  | 0.04-1.62       |     |        |      |
| 1-9 Basophils(Bas#)                                                                | 0.04    | 10 <sup>9</sup> /L  | 0.00-0.12       |     |        |      |
| 1-10 %Neutrophils(Neu%)                                                            | 65.5    | %                   | 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%)                                       | 65.5    | %                   | 48.0-70.0       |     |        |      |
| 1-13 %Hypersegmented neutrophils in WBC(Nsh/WBC%)                                  | 0.0     | %                   | 0.0-15.5        |     |        |      |
| 1-14 %Lymphocytes(Lym%)                                                            | 26.0    | %                   | 12.0-33.0       |     |        |      |
| 1-15 %Monocytes(Mon%)                                                              | 5.2     | %                   | 2.0-13.0        |     |        |      |
| 1-16 %Eosinophils(Eos%)                                                            | 3.1     | %                   | 0.5-10.0        |     |        |      |
| 1-17 %Basophils(Bas%)                                                              | 0.2     | %                   | 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        |     |        |      |
| <b>2.RBC</b>                                                                       |         |                     |                 |     |        |      |
| 2-1 Red blood cell count(RBC)                                                      | 5.56    | 10 <sup>12</sup> /L | 5.10-8.50       |     |        |      |
| 2-2 Hemoglobin concentration(HGB)                                                  | 148     | g/L                 | 110-190         |     |        |      |
| 2-3 Hematocrit(HCT)                                                                | 41.6    | %                   | 35.0-58.0       |     |        |      |
| 2-4 Mean corpuscular volume(MCV)                                                   | 74.9    | fL                  | 55.0-83.0       |     |        |      |
| 2-5 Mean corpuscular hemoglobin(MCH)                                               | 26.6    | pg                  | 18.0-31.0       |     |        |      |
| 2-6 Mean corpuscular hemoglobin concentration(MCHC)                                | 355     | g/L                 | 260-430         |     |        |      |
| 2-7 Red blood cell distribution width-Coefficient of Variation(RDW-CV)             | 13.0    | %                   | 11.2-21.3       |     |        |      |
| 2-8 Red blood cell distribution width-Standard Deviation(RDW-SD)                   | 37.1    | fL                  | 31.2-51.7       |     |        |      |
| 2-9 Reticulocytes(RET#)                                                            | 6.52    | 10 <sup>9</sup> /L  | 3.00-45.00      |     |        |      |
| 2-10 %Reticulocytes(RET%)                                                          | 0.12    | %                   | 0.00-1.00       |     |        |      |
| 2-11 Mean reticulocyte volume(MCVr)                                                | 44.0    | fL                  | 30.0-120.0      |     |        |      |
| 2-12 Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV) | 44.3    | %                   | 20.0-80.0       |     |        |      |
| 2-13 Nucleated 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       |     |        |      |
| 2-15 Erythrocyte ghost(ETG#)                                                       | 0.00    | 10 <sup>12</sup> /L | 0.00-0.10       |     |        |      |
| 2-16 %Erythrocyte ghost(ETG%)                                                      | 0.01    | %                   | 0.00-3.00       |     |        |      |
| 2-17 Spherocytes(SPH#)                                                             | 0.15    | 10 <sup>9</sup> /L  | 0.00-150.00     |     |        |      |
| 2-18 %Spherocytes(SPH%)                                                            | 0.00    | %                   | 0.00-2.00       |     |        |      |
| 2-19 Agglutinated erythrocytes(AGG#)                                               | 0.00    | 10 <sup>9</sup> /L  | 0.00-0.50       |     |        |      |
| 2-20 Heinz Bodies(HBRBC#)                                                          | 0.00    | 10 <sup>9</sup> /L  | 0.00-0.00       |     |        |      |
| <b>3.PLT</b>                                                                       |         |                     |                 |     |        |      |
| 3-1 Platelet(PLT)                                                                  | 48 ↓    | 10 <sup>9</sup> /L  | 117-490         |     |        |      |
| 3-2 Mean platelet volume(MPV)                                                      | 10.3    | fL                  | 8.4-14.1        |     |        |      |



**Hospital Tel: +639171533903**

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





# Pet Doctors Veterinary Supplies and Services

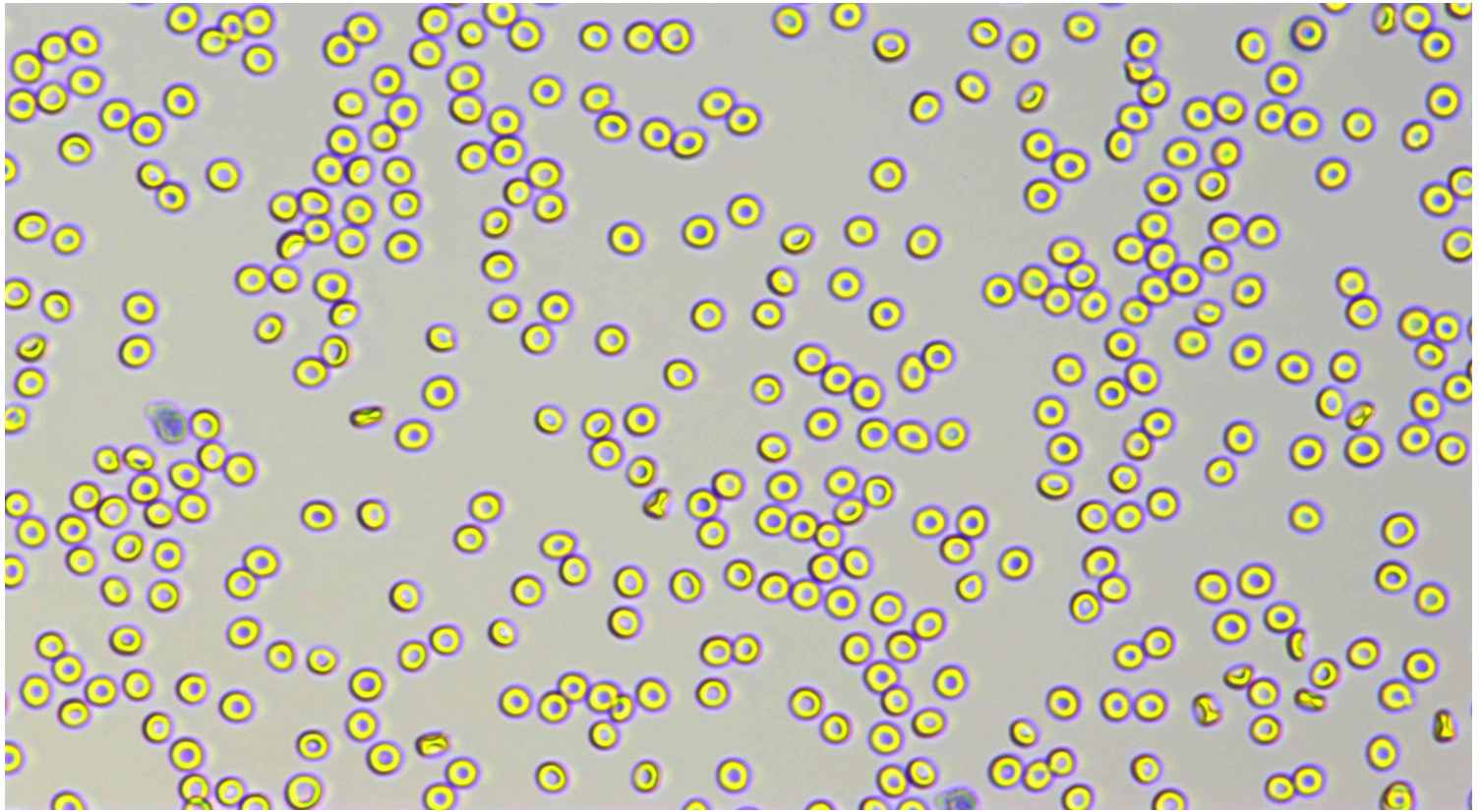
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Sample Type: Blood

Species: Canine  
Patient or Visit NO.:  
Time Tested: 29/07/2026 10:42:53

### Distribution Chart



Neutrophil stab granulocytes

Count:

Concentration:

Percentage:



Neutrophil segmented granulocytes

Count: 636.0

Concentration:  $11.56 \times 10^9/L$

Percentage: 65.5 Nsg#/WBC

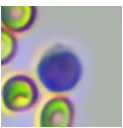


Hypersegmented neutrophils

Count:

Concentration:

Percentage:

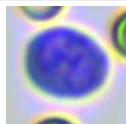
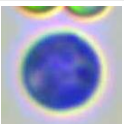
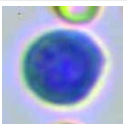
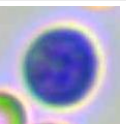
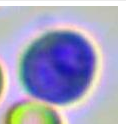
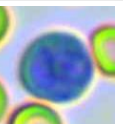
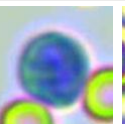
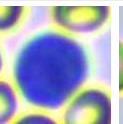
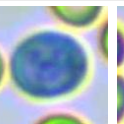
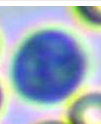


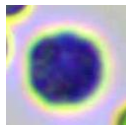
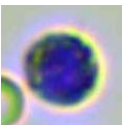
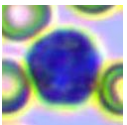
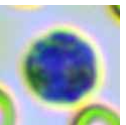
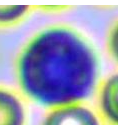
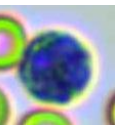
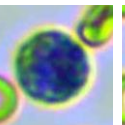
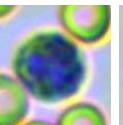
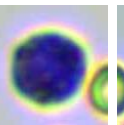
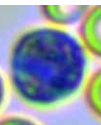
Lymphocytes

Count: 253.0

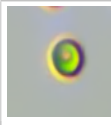
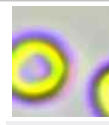
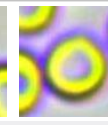
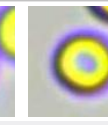
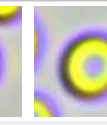
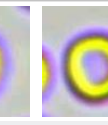
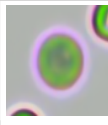
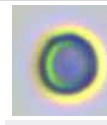
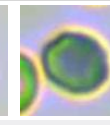
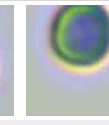
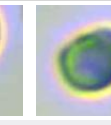
Concentration:  $4.60 \times 10^9/L$

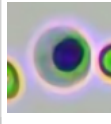
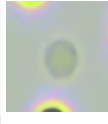
Percentage: 26.0 Lym#/WBC

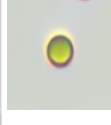
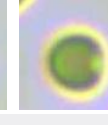
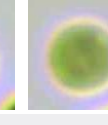
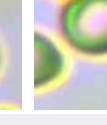
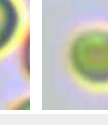
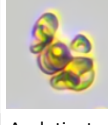
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|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |  |
| Monocytes                                                                       | Count: 50.0                                                                      |                                                                                  | Concentration: 0.92 x 10^9/L                                                     |                                                                                  |                                                                                  |                                                                                   | Percentage: 5.2 Mon#/WBC                                                           |                                                                                    |                                                                                    |                                                                                    |

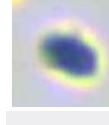
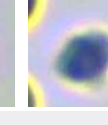
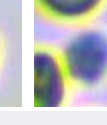
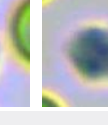
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|  |  |  |  |  |  |  |  |  |  |  |
| Eosinophils                                                                      | Count: 30.0                                                                       |                                                                                   | Concentration: 0.55 x 10^9/L                                                      |                                                                                   |                                                                                   |                                                                                    | Percentage: 3.1 Eos#/WBC                                                            |                                                                                     |                                                                                     |                                                                                     |

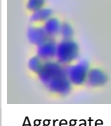
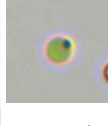
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|  |        |  |                |  |  |  |             |  |  |  |
| Basophils                                                                        | Count: |  | Concentration: |  |  |  | Percentage: |  |  |  |

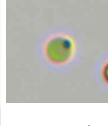
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|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |  |
| Normocyte                                                                        | Count: 98697.0                                                                    | Concentration: 5.56 x 10^12/L                                                     |                                                                                   | Percentage: 100.0 Normocyte#/RBC                                                  |                                                                                   | Reticulocytes                                                                     | Count: 6.0                                                                         | Concentration: 6.52 x 10^9/L                                                        |                                                                                     | Percentage: 0.12 RET#/RBC                                                           |

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

|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |                |  |             |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|----------------|--|-------------|
|  |  |  |  |  |  |  |        |                |  |             |
| Spherocytes                                                                        | Count: 13.0                                                                         | Concentration: 0.15 x 10^9/L                                                        |                                                                                     | Percentage: 0.00 SPH#/RBC                                                           |                                                                                     | Agglutinated erythrocytes                                                           | Count: | Concentration: |  | Percentage: |

|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |                |  |             |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|----------------|--|-------------|
|  |  |  |  |  |  |  |        |                |  |             |
| Normal platelets                                                                   | Count: 394.0                                                                        | Concentration: 48 x 10^9/L                                                          |                                                                                     | Percentage: 74.5 NPLT#/PLT                                                          |                                                                                     | Large platelet                                                                      | Count: | Concentration: |  | Percentage: |

|                                                                                    |        |                |  |             |  |                                                                                     |  |  |  |  |
|------------------------------------------------------------------------------------|--------|----------------|--|-------------|--|-------------------------------------------------------------------------------------|--|--|--|--|
|  |        |                |  |             |  |                                                                                     |  |  |  |  |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PLT  | <b>Decreased levels:</b> 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  | <b>Decreased levels:</b> Indicating thrombocytopenia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

Veterinary Technician: not specified

Attending Veterinarian: Dr. Ingrid Abulencia

Date Reported: 29/07/2026

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



Hospital Tel: +639171533903

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

