

# Pet Doctors Veterinary Supplies and Services

## Blood Morphology Analysis Report

Pet Name: Jill  
 Gender: Female  
 Test Number: 260905001  
 Sample ID:

Owner Name: Claire Cendaña  
 Age: 1Y  
 Sample Type: Blood

Species: Canine  
 Patient or Visit NO.:  
 Time Tested: 05/09/2026 14:39:51

| Test                                                                              | Result | Unit                  | Reference Range | Low | Normal | High |
|-----------------------------------------------------------------------------------|--------|-----------------------|-----------------|-----|--------|------|
| <b>1.WBC</b>                                                                      |        |                       |                 |     |        |      |
| 1-1White blood cell count(WBC)                                                    | 7.74   | 10 <sup>9</sup> /L    | 6.00-17.00      |     |        |      |
| 1-2Neutrophils(Neu#)                                                              | 4.52   | 10 <sup>9</sup> /L    | 3.62-12.30      |     |        |      |
| 1-3Neutrophil stab granulocytes(Nst#)                                             | 0.00   | 10 <sup>9</sup> /L    | 0.00-1.00       |     |        |      |
| 1-4Neutrophil segmented granulocytes(Nsg#)                                        | 4.52   | 10 <sup>9</sup> /L    | 2.30-11.50      |     |        |      |
| 1-5Hypersegmented neutrophils(Nsh#)                                               | 0.00   | 10 <sup>9</sup> /L    | 0.00-3.50       |     |        |      |
| 1-6Lymphocytes(Lym#)                                                              | 1.92   | 10 <sup>9</sup> /L    | 0.83-4.91       |     |        |      |
| 1-7Monocytes(Mon#)                                                                | 0.38   | 10 <sup>9</sup> /L    | 0.14-1.97       |     |        |      |
| 1-8Eosinophils(Eos#)                                                              | 0.90   | 10 <sup>9</sup> /L    | 0.04-1.62       |     |        |      |
| 1-9Basophils(Bas#)                                                                | 0.02   | 10 <sup>9</sup> /L    | 0.00-0.12       |     |        |      |
| 1-10%Neutrophils(Neu%)                                                            | 58.3   | %                     | 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%)                                       | 58.3   | %                     | 48.0-70.0       |     |        |      |
| 1-13%Hypersegmented neutrophils in WBC(Nsh/WBC%)                                  | 0.0    | %                     | 0.0-15.5        |     |        |      |
| 1-14%Lymphocytes(Lym%)                                                            | 24.8   | %                     | 12.0-33.0       |     |        |      |
| 1-15%Monocytes(Mon%)                                                              | 4.9    | %                     | 2.0-13.0        |     |        |      |
| 1-16%Eosinophils(Eos%)                                                            | 11.7   | ↑ %                   | 0.5-10.0        |     |        |      |
| 1-17%Basophils(Bas%)                                                              | 0.3    | %                     | 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>                                                                      |        |                       |                 |     |        |      |
| 2-1Red blood cell count(RBC)                                                      | 4.78   | ↓ 10 <sup>12</sup> /L | 5.10-8.50       |     |        |      |
| 2-2Hemoglobin concentration(HGB)                                                  | 131    | g/L                   | 110-190         |     |        |      |
| 2-3Hematocrit(HCT)                                                                | 38.2   | %                     | 35.0-58.0       |     |        |      |
| 2-4Mean corpuscular volume(MCV)                                                   | 79.9   | fL                    | 55.0-83.0       |     |        |      |
| 2-5Mean corpuscular hemoglobin(MCH)                                               | 27.5   | pg                    | 18.0-31.0       |     |        |      |
| 2-6Mean corpuscular hemoglobin concentration(MCHC)                                | 344    | g/L                   | 260-430         |     |        |      |
| 2-7Red blood cell distribution width-Coefficient of Variation(RDW-CV)             | 14.8   | %                     | 11.2-21.3       |     |        |      |
| 2-8Red blood cell distribution width-Standard Deviation(RDW-SD)                   | 43.7   | fL                    | 31.2-51.7       |     |        |      |
| 2-9Reticulocytes(RET#)                                                            | 7.55   | 10 <sup>9</sup> /L    | 3.00-45.00      |     |        |      |
| 2-10%Reticulocytes(RET%)                                                          | 0.16   | %                     | 0.00-1.00       |     |        |      |
| 2-11Mean reticulocyte volume(MCVr)                                                | 46.9   | fL                    | 30.0-120.0      |     |        |      |
| 2-12Mean reticulocyte volume distribution width-Coefficient of Variation(MCVr-CV) | 44.0   | %                     | 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   | 0.00-0.10       |     |        |      |
| 2-16%Erythrocyte ghost(ETG%)                                                      | 0.00   | %                     | 0.00-3.00       |     |        |      |
| 2-17Spherocytes(SPH#)                                                             | 0.03   | 10 <sup>9</sup> /L    | 0.00-150.00     |     |        |      |
| 2-18%Spherocytes(SPH%)                                                            | 0.00   | %                     | 0.00-2.00       |     |        |      |
| 2-19Agglutinated erythrocytes(AGG#)                                               | 0.08   | 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)                                                                  | 280    | 10 <sup>9</sup> /L    | 117-490         |     |        |      |



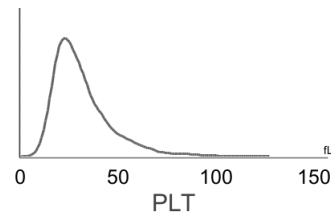
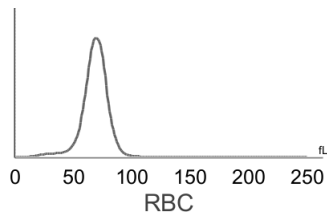
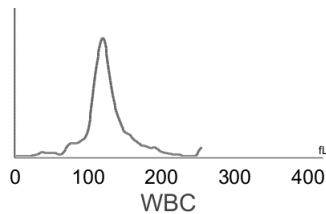
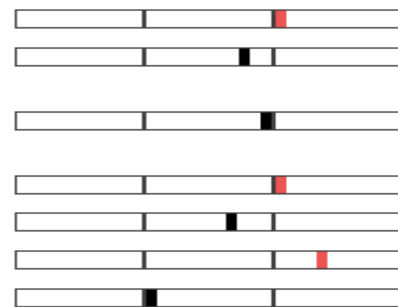
**Hospital Tel: +639171533903**

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

**Hospital Email: pdvc.calasiao@gmail.com**



|                                                                 |       |   |                    |             |
|-----------------------------------------------------------------|-------|---|--------------------|-------------|
| 3-2Mean platelet volume(MPV)                                    | 15.7  | ↑ | fL                 | 8.4-14.1    |
| 3-3Plateletcrit(PCT)                                            | 0.461 |   | %                  | 0.090-0.580 |
| 3-4Platelet distribution width-Coefficient of Variation(PDW-CV) | 76.7  |   | %                  | 30.0-80.0   |
| 3-5Platelet distribution width-Standard Deviation(PDW-SD)       | 21.4  | ↑ | fL                 | 5.0-20.0    |
| 3-6Large platelet(LPLT#)                                        | 192   |   | 10 <sup>9</sup> /L | 0-285       |
| 3-7%Large platelet(P-LCR)                                       | 68.6  | ↑ | %                  | 9.0-50.0    |
| 3-8Aggregated Platelet Count(APLT#)                             | 0.00  |   | 10 <sup>9</sup> /L | 0.00-0.65   |



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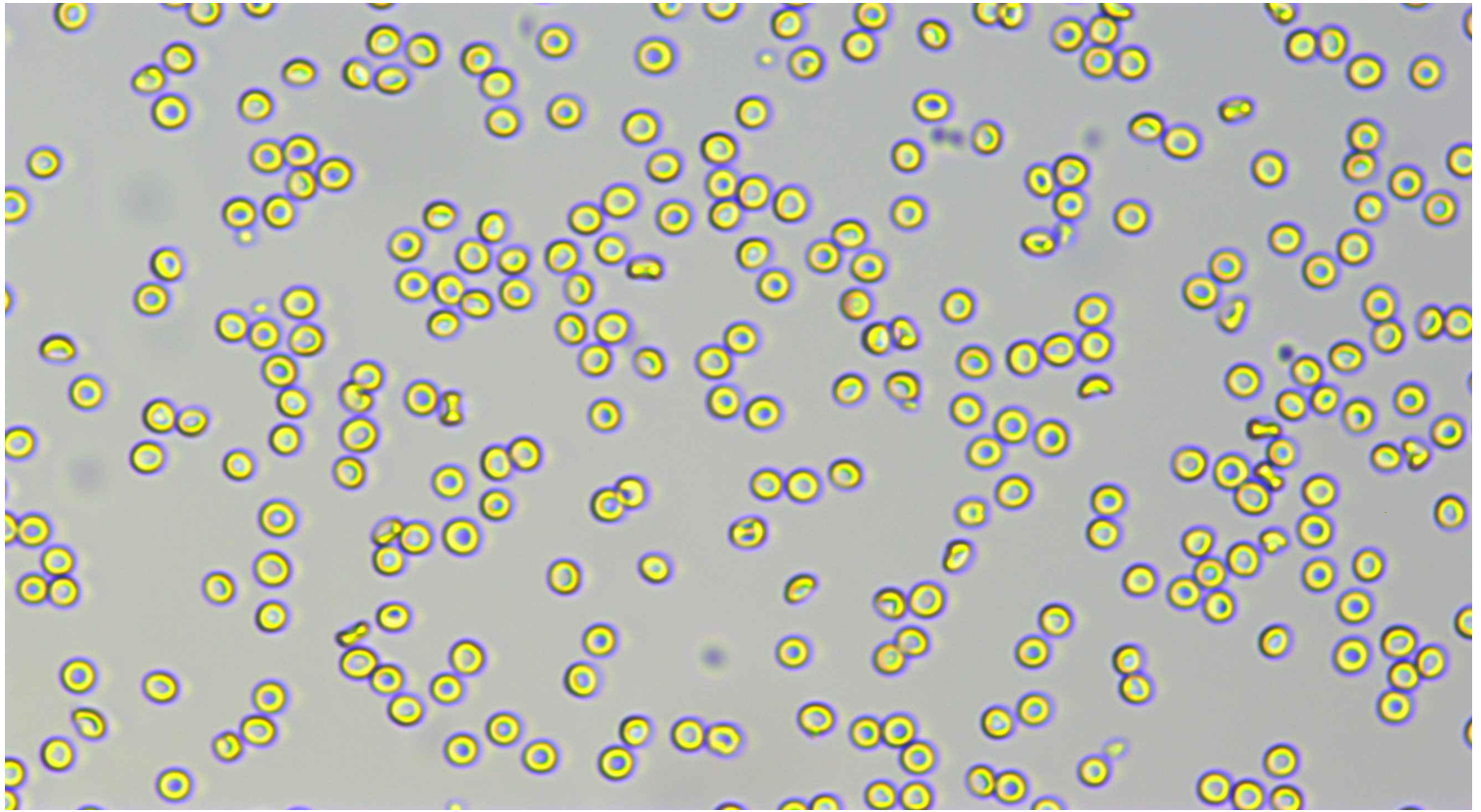
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### Distribution Chart

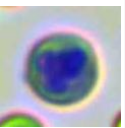
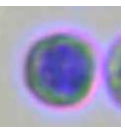
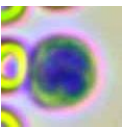
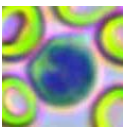
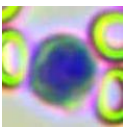
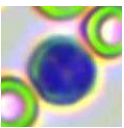
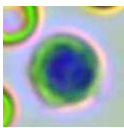
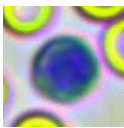
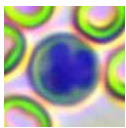


Neutrophil stab granulocytes

Count:

Concentration:

Percentage:

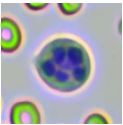


Neutrophil segmented granulocytes

Count: 254.0

Concentration:  $4.52 \times 10^9/L$

Percentage: 58.3 Nsg#/WBC

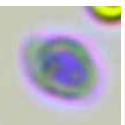
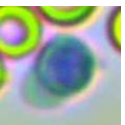
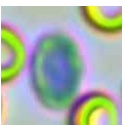
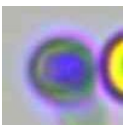
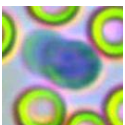
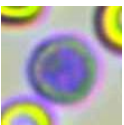
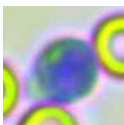
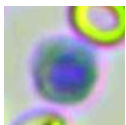
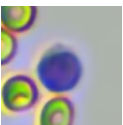


Hypersegmented neutrophils

Count:

Concentration:

Percentage:

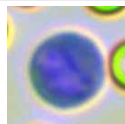
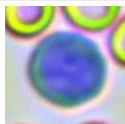
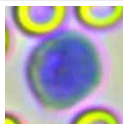
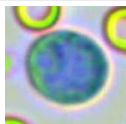
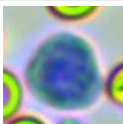
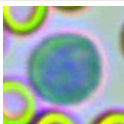
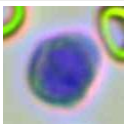
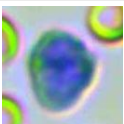
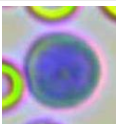


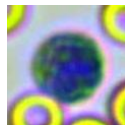
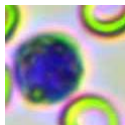
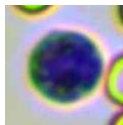
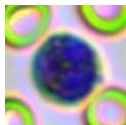
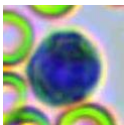
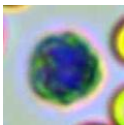
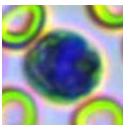
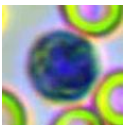
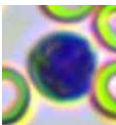
Lymphocytes

Count: 105.0

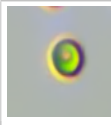
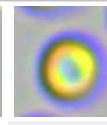
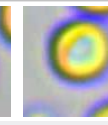
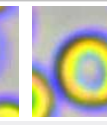
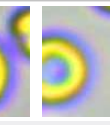
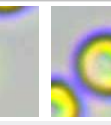
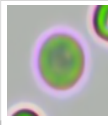
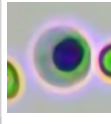
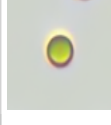
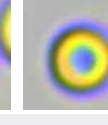
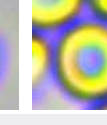
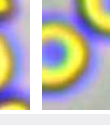
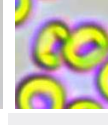
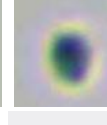
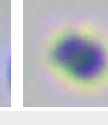
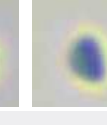
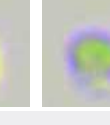
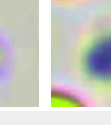
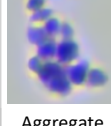
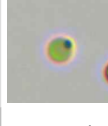
Concentration:  $1.92 \times 10^9/L$

Percentage: 24.8 Lym#/WBC

|                                                                                 |                                                                                  |                                                                                  |                                                                                  |                                                                                  |                                                                                  |                                                                                   |                                                                                    |                                                                                    |                                                                                    |                                                                                    |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |  |
| Monocytes                                                                       | Count: 23.0                                                                      |                                                                                  | Concentration: 0.38 x 10^9/L                                                     |                                                                                  |                                                                                  |                                                                                   | Percentage: 4.9 Mon#/WBC                                                           |                                                                                    |                                                                                    |                                                                                    |

|                                                                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |  |
| Eosinophils                                                                      | Count: 53.0                                                                       |                                                                                   | Concentration: 0.90 x 10^9/L                                                      |                                                                                   |                                                                                   |                                                                                    | Percentage: 11.7 Eos#/WBC                                                           |                                                                                     |                                                                                     |                                                                                     |

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

|                                                                                     |                                                                                      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|     |     |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Normocyte                                                                           | Count: 84858.0                                                                       | Concentration: 4.78 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: 4.0                                                                           | Concentration: 0.03 x 10^9/L                                                        |                                                                                     | Percentage: 0.00 SPH#/RBC                                                           |                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Agglutinated erythrocytes                                                           | Count: 1.0                                                                           | Concentration: 0.08 x 10^9/L                                                        |                                                                                     | Percentage:                                                                         |                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Normal platelets                                                                    | Count: 6341.0                                                                        | Concentration: 280 x 10^9/L                                                         |                                                                                     | Percentage: 31.4 NPLT#/PLT                                                          |                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                                                                                      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Large platelet                                                                      | Count:                                                                               | Concentration:                                                                      |                                                                                     | Percentage:                                                                         |                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                                                                                      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aggregate platelets                                                                 | Count:                                                                               | Concentration:                                                                      |                                                                                     | Percentage:                                                                         |                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                                                                                      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Heinz Bodies                                                                        | Count:                                                                               | Concentration:                                                                      |                                                                                     | Percentage:                                                                         |                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### Clinical Significance

|        |                                                                                                                                                                                                                                                                                                                                             |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |
| MPV    | <b>Elevated levels:</b> It is common in reactive platelet production after blood loss, secondary platelet destruction, myeloproliferative diseases, hyperthyroidism and so on.                                                                                                                                                              |
| PDW-SD | <b>Elevated levels:</b> It suggests that the platelet size is not uniform.                                                                                                                                                                                                                                                                  |
| P-LCR  | <b>Elevated levels:</b> It is commonly seen in bone marrow reactive thrombocytopenia.                                                                                                                                                                                                                                                       |

Veterinary Technician: not specified

Attending Veterinarian: Dr. Mikaela Rabino

Date Reported: 05/09/2026

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