

# Cleveland Hospital Laboratory Report

**Patient Information:**

Patient ID: CLV24PAT0001

Name: Thomas Wilson

**Referred Doctor:**

Name: Dr. Sarah Johnson

Specialty: Cardiology

**Requested Date:**

Date: 2024-08-17

**Tests to be Done:**

- 1. Hematology-Complete Blood Count (CBC)
- 2. Hematology-Blood Smear Examination
- 3. Clinical Chemistry-Electrolyte Panel (Sodium, Potassium, Chloride, Bicarbonate)

**Test Results:**

**Hematology-Complete Blood Count (CBC)**

| Parameter  | Result                    | Reference Range                 |
|--|---------------------------|---------------------------------|
| Hemoglobin                                       | 13.0 g/dL                 | 13.8 - 17.2 g/dL                |
| Hematocrit                                       | 38.0%                     | 40.7% - 50.3%                   |
| White Blood Cell Count                           | 11.5 x10 <sup>3</sup> /uL | 4.0 - 10.0 x10 <sup>3</sup> /uL |
| Red Blood Cell Count                             | 4.4 x10 <sup>6</sup> /uL  | 4.5 - 5.9 x10 <sup>6</sup> /uL  |
| Mean Corpuscular Volume (MCV)                    | 95.0 fL                   | 80.0 - 100.0 fL                 |
| Mean Corpuscular Hemoglobin (MCH)                | 29.0 pg                   | 27.0 - 32.0 pg                  |
| Mean Corpuscular Hemoglobin Concentration (MCHC) | 30.5 g/dL                 | 32.0 - 36.0 g/dL                |

|                                   |                          |                                |
|-----------------------------------|--------------------------|--------------------------------|
| Platelet Count                    | 140 x10 <sup>3</sup> /uL | 150 - 450 x10 <sup>3</sup> /uL |
| Red Cell Distribution Width (RDW) | 15.0%                    | 11.5% - 14.5%                  |

**Interpretation:**

Hemoglobin: Slightly below normal range.

Hematocrit: Below normal range.

White Blood Cell Count: Elevated.

Red Blood Cell Count: Slightly below normal.

MCV: Normal, on the higher end.

MCH: Normal, closer to the lower end.

MCHC: Slightly below normal.

Platelet Count: Slightly below normal.

RDW: Elevated.

**Hematology-Blood Smear Examination**

Findings: To be completed upon examination.

**Clinical Chemistry-Electrolyte Panel**

Sodium: To be reported.

Potassium: To be reported.

Chloride: To be reported.

Bicarbonate: To be reported.

Report Generated by:

Cleveland Hospital Laboratory

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