

St. Jude's Medical Center

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PATHOLOGY & LAB REPORT

Patient Information

Patient Name: Doe, John A.
Patient ID: JD45-6789
Date of Birth: 10/24/1985 (Age: 40)
Gender: Male
Referring MD: Dr. Evelyn Reed

Specimen Information

Specimen ID: BL-98765
Specimen Type: Whole Blood (Lavender Top)
Date Collected: 2025-10-23 09:15:00
Date Received: 2025-10-23 10:30:00

Complete Blood Count (CBC)

| Test Name | Result | Flag | Reference Range |
|------------------------------|--------|------|----------------------------------|
| White Blood Cell (WBC) Count | 13.5 | HIGH | 4.0 - 11.0 x10 ⁹ /L |
| Red Blood Cell (RBC) Count | 4.80 | | 4.20 - 5.80 x10 ¹² /L |
| Hemoglobin (HGB) | 15.1 | | 13.5 - 17.5 g/dL |
| Hematocrit (HCT) | 45.0 | | 40.0 - 50.0 % |
| Platelet Count | 145 | LOW | 150 - 450 x10 ⁹ /L |
| Neutrophils | 75 | HIGH | 40 - 70 % |
| Lymphocytes | 18 | LOW | 20 - 45 % |

Pathologist's Summary & Diagnosis

CLINICAL HISTORY: Patient presents with a 3-day history of fever, fatigue, and persistent cough. Referred for bloodwork to rule out infection.

DIAGNOSIS: **Leukocytosis with neutrophilia and mild thrombocytopenia.**

COMMENTS: The elevated White Blood Cell count with a high percentage of neutrophils (neutrophilia) is strongly indicative of an active bacterial infection. The low platelet count (thrombocytopenia) is mild but should be monitored. Correlation with clinical findings and C-Reactive Protein (CRP) levels is recommended. Patient's reported symptoms

(fever, cough) are consistent with these findings.

Electronically Signed By:

Dr. David Chen, MD (Pathologist-in-Chief)

Report Date: 2025-10-24 00:30:00

*** END OF REPORT ***