

MEDICAL LABORATORY REPORT
General Hospital - Clinical Lab

Patient Name: Ashmitha B
Patient ID: ASH-2026-001
Date: February 6, 2026
Time: 09:30 AM

VITAL SIGNS DURING COLLECTION:

Temperature: 37.2°C
Blood Pressure: 120/80 mmHg
Heart Rate: 78 bpm
Oxygen Saturation (SpO2): 98%
Pain Level: 2/10

COMPLETE BLOOD COUNT (CBC):

White Blood Cells (WBC): $7.5 \times 10^3/\mu\text{L}$ (Normal: 4.5-11.0)
Red Blood Cells (RBC): $4.8 \times 10^6/\mu\text{L}$ (Normal: 4.5-5.9)
Hemoglobin: 14.2 g/dL (Normal: 13.5-17.5)
Hematocrit: 42% (Normal: 38.8-50.0)
Platelets: $250 \times 10^3/\mu\text{L}$ (Normal: 150-400)

METABOLIC PANEL:

Glucose: 95 mg/dL (Normal: 70-100)
Creatinine: 1.0 mg/dL (Normal: 0.7-1.3)
Blood Urea Nitrogen (BUN): 15 mg/dL (Normal: 7-20)

INFLAMMATORY MARKERS:

C-Reactive Protein (CRP): 2.1 mg/L (Normal: <3.0)
Erythrocyte Sedimentation Rate: 12 mm/hr (Normal: 0-20)

CLINICAL INTERPRETATION:

- ✓ All parameters within normal post-surgical range
- ✓ No signs of infection or inflammation
- ✓ WBC count stable, indicating good immune response
- ✓ Hemoglobin levels normal - adequate oxygen carrying capacity
- ✓ Inflammatory markers (CRP) within acceptable limits
- ✓ Metabolic function stable

RECOMMENDATIONS:

- Continue current medication regimen

- Maintain adequate hydration
- Follow-up in 2 weeks
- Monitor for any fever or increased pain

Reviewed by: Dr. Sarah Mitchell, MD
Lab Technician: John Davis, MLT
Report Status: FINAL

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