

## Comprehensive Blood Test Report

**Patient Name:** Oliver Rose

**Age:** 22 years

**Gender:** Male

**Patient ID:** OR-22741

**Sample Collected On:** 17 November 2025

**Report Date:** 18 November 2025

**Referring Physician:** Dr. A. Sharma, MD

**Laboratory:** Apex Diagnostic Centre

### 1. Complete Blood Count (CBC)

Hemoglobin (Hb): 13.2 g/dL (13.0 – 17.0 g/dL)

Total RBC Count: 4.8 million/ $\mu$ L (4.5 – 5.9 million/ $\mu$ L)

Total WBC Count: 7,200 / $\mu$ L (4,000 – 11,000 / $\mu$ L)

Platelet Count: 248,000 / $\mu$ L (150,000 – 450,000 / $\mu$ L)

Hematocrit (PCV): 41% (40 – 50%)

MCV: 85 fL (80 – 96 fL)

MCH: 28 pg (27 – 33 pg)

MCHC: 33 g/dL (32 – 36 g/dL)

### 2. Liver Function Test (LFT)

Total Bilirubin: 6.4 mg/dL (0.3 – 1.2 mg/dL)

Direct Bilirubin: 2.1 mg/dL (0.0 – 0.3 mg/dL)

Indirect Bilirubin: 4.3 mg/dL (0.2 – 0.9 mg/dL)

SGPT (ALT): 148 U/L (7 – 56 U/L)

SGOT (AST): 132 U/L (5 – 40 U/L)

Alkaline Phosphatase: 198 U/L (44 – 147 U/L)

Total Protein: 7.1 g/dL (6.0 – 8.3 g/dL)

Albumin: 4.2 g/dL (3.5 – 5.2 g/dL)

### 3. Viral Markers

Hepatitis A IgM: Negative

Hepatitis B Surface Antigen: Negative

Hepatitis C Antibody: Negative

### 4. Additional Tests

Serum Amylase: 62 U/L (30 – 110 U/L)

Serum Lipase: 44 U/L (0 – 60 U/L)

### Clinical Summary

Findings indicate elevated bilirubin and liver enzymes consistent with acute jaundice, likely hepatocellular in origin.

### Final Impression:

Jaundice (likely hepatocellular type)

### Authorized By:

Dr. Maya Verma, MD (Pathology)

Apex Diagnostic Centre