

# Medical Lab - Synthetic Blood Report

Report ID:	BR100152	Patient Name:	Rohit Kapoor
Sex:	M	Age:	16
Report Date:	2025-07-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.69	13.5 - 17.5
RBC (10^6/μL)	5.48	4.3 - 5.9
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	375	150 - 400
Hematocrit (%)	35.22	41 - 53
MCV (fL)	97.14	80 - 100
MCH (pg)	29.45	27 - 32
MCHC (g/dL)	33.28	32 - 36
Neutrophils (%)	50.67	40 - 70
Lymphocytes (%)	34.46	20 - 40
Fasting Glucose (mg/dL)	74.32	70 - 99
Urea (mg/dL)	10.34	7 - 20
Creatinine (mg/dL)	1.31	0.74 - 1.35
Sodium (mmol/L)	143.1	135 - 145
Potassium (mmol/L)	3.79	3.5 - 5.1
ALT (U/L)	30.06	7 - 56
AST (U/L)	48.58	10 - 40

Note: This is a synthetic dataset generated for research/educational use. Reference ranges are typical clinical ranges and may vary by laboratory.