

Medical Lab - Synthetic Blood Report

Report ID:	BR100149	Patient Name:	Rohit Patel
Sex:	F	Age:	15
Report Date:	2025-06-24	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.07	12.0 - 16.0
RBC (10^6/µL)	3.68	3.5 - 5.5
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	397	150 - 400
Hematocrit (%)	52.85	36 - 46
MCV (fL)	82.98	80 - 100
MCH (pg)	27.95	27 - 32
MCHC (g/dL)	33.93	32 - 36
Neutrophils (%)	44.1	40 - 70
Lymphocytes (%)	21.31	20 - 40
Fasting Glucose (mg/dL)	76.98	70 - 99
Urea (mg/dL)	10.39	7 - 20
Creatinine (mg/dL)	0.67	0.59 - 1.04
Sodium (mmol/L)	137.94	135 - 145
Potassium (mmol/L)	2.9	3.5 - 5.1
ALT (U/L)	5.66	7 - 56
AST (U/L)	17.13	10 - 40

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