

Medical Lab - Synthetic Blood Report

Report ID:	BR100015	Patient Name:	Rahul Singh
Sex:	M	Age:	22
Report Date:	2025-07-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.3	13.5 - 17.5
RBC (10^6/µL)	5.87	4.3 - 5.9
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	290	150 - 400
Hematocrit (%)	48.62	41 - 53
MCV (fL)	83.59	80 - 100
MCH (pg)	29.41	27 - 32
MCHC (g/dL)	34.14	32 - 36
Neutrophils (%)	56.31	40 - 70
Lymphocytes (%)	29.65	20 - 40
Fasting Glucose (mg/dL)	85.99	70 - 99
Urea (mg/dL)	18.13	7 - 20
Creatinine (mg/dL)	0.85	0.74 - 1.35
Sodium (mmol/L)	112.06	135 - 145
Potassium (mmol/L)	4.22	3.5 - 5.1
ALT (U/L)	17.0	7 - 56
AST (U/L)	32.95	10 - 40

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