

Medical Lab - Synthetic Blood Report

Report ID:	BR100165	Patient Name:	Rahul Desai
Sex:	M	Age:	23
Report Date:	2025-04-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.11	13.5 - 17.5
RBC (10^6/µL)	4.5	4.3 - 5.9
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	302	150 - 400
Hematocrit (%)	46.58	41 - 53
MCV (fL)	85.71	80 - 100
MCH (pg)	28.65	27 - 32
MCHC (g/dL)	34.8	32 - 36
Neutrophils (%)	55.97	40 - 70
Lymphocytes (%)	36.48	20 - 40
Fasting Glucose (mg/dL)	96.02	70 - 99
Urea (mg/dL)	10.78	7 - 20
Creatinine (mg/dL)	0.58	0.74 - 1.35
Sodium (mmol/L)	135.7	135 - 145
Potassium (mmol/L)	6.59	3.5 - 5.1
ALT (U/L)	22.36	7 - 56
AST (U/L)	45.08	10 - 40

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