

# Medical Lab - Synthetic Blood Report

Report ID:	BR100459	Patient Name:	Rahul Singh
Sex:	M	Age:	56
Report Date:	2024-12-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.77	13.5 - 17.5
RBC (10^6/μL)	5.98	4.3 - 5.9
WBC (10^3/μL)	12	4.5 - 11.0
Platelets (10^3/μL)	378	150 - 400
Hematocrit (%)	49.26	41 - 53
MCV (fL)	84.63	80 - 100
MCH (pg)	29.69	27 - 32
MCHC (g/dL)	35.32	32 - 36
Neutrophils (%)	53.58	40 - 70
Lymphocytes (%)	33.02	20 - 40
Fasting Glucose (mg/dL)	70.61	70 - 99
Urea (mg/dL)	14.54	7 - 20
Creatinine (mg/dL)	0.84	0.74 - 1.35
Sodium (mmol/L)	141.67	135 - 145
Potassium (mmol/L)	4.88	3.5 - 5.1
ALT (U/L)	23.77	7 - 56
AST (U/L)	15.74	10 - 40

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