

# Medical Lab - Synthetic Blood Report

Report ID:	BR100881	Patient Name:	Riya Singh
Sex:	M	Age:	52
Report Date:	2025-09-21	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.57	13.5 - 17.5
RBC (10^6/µL)	4.33	4.3 - 5.9
WBC (10^3/µL)	4	4.5 - 11.0
Platelets (10^3/µL)	200	150 - 400
Hematocrit (%)	46.17	41 - 53
MCV (fL)	95.22	80 - 100
MCH (pg)	28.67	27 - 32
MCHC (g/dL)	33.21	32 - 36
Neutrophils (%)	56.81	40 - 70
Lymphocytes (%)	22.5	20 - 40
Fasting Glucose (mg/dL)	84.66	70 - 99
Urea (mg/dL)	14.6	7 - 20
Creatinine (mg/dL)	1.32	0.74 - 1.35
Sodium (mmol/L)	139.53	135 - 145
Potassium (mmol/L)	4.65	3.5 - 5.1
ALT (U/L)	12.61	7 - 56
AST (U/L)	39.05	10 - 40

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