

# Medical Lab - Synthetic Blood Report

Report ID:	BR100680	Patient Name:	Isha Mehta
Sex:	M	Age:	48
Report Date:	2025-07-28	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.82	13.5 - 17.5
RBC (10^6/μL)	5.3	4.3 - 5.9
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	336	150 - 400
Hematocrit (%)	30.46	41 - 53
MCV (fL)	80.88	80 - 100
MCH (pg)	29.76	27 - 32
MCHC (g/dL)	33.86	32 - 36
Neutrophils (%)	67.01	40 - 70
Lymphocytes (%)	32.44	20 - 40
Fasting Glucose (mg/dL)	78.86	70 - 99
Urea (mg/dL)	8.13	7 - 20
Creatinine (mg/dL)	0.8	0.74 - 1.35
Sodium (mmol/L)	144.8	135 - 145
Potassium (mmol/L)	3.85	3.5 - 5.1
ALT (U/L)	64.94	7 - 56
AST (U/L)	28.54	10 - 40

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