

# Medical Lab - Synthetic Blood Report

Report ID:	BR100582	Patient Name:	Priya Mehta
Sex:	M	Age:	43
Report Date:	2025-06-25	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.19	13.5 - 17.5
RBC (10^6/μL)	5.15	4.3 - 5.9
WBC (10^3/μL)	10	4.5 - 11.0
Platelets (10^3/μL)	264	150 - 400
Hematocrit (%)	47.63	41 - 53
MCV (fL)	71.07	80 - 100
MCH (pg)	29.47	27 - 32
MCHC (g/dL)	31.88	32 - 36
Neutrophils (%)	52.38	40 - 70
Lymphocytes (%)	34.34	20 - 40
Fasting Glucose (mg/dL)	87.21	70 - 99
Urea (mg/dL)	13.85	7 - 20
Creatinine (mg/dL)	0.87	0.74 - 1.35
Sodium (mmol/L)	143.14	135 - 145
Potassium (mmol/L)	3.89	3.5 - 5.1
ALT (U/L)	6.0	7 - 56
AST (U/L)	8.72	10 - 40

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