

# Medical Lab - Synthetic Blood Report

Report ID:	BR100622	Patient Name:	Meera Verma
Sex:	F	Age:	54
Report Date:	2025-01-14	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.92	12.0 - 16.0
RBC (10^6/μL)	3.88	3.5 - 5.5
WBC (10^3/μL)	5	4.5 - 11.0
Platelets (10^3/μL)	217	150 - 400
Hematocrit (%)	42.69	36 - 46
MCV (fL)	82.77	80 - 100
MCH (pg)	31.03	27 - 32
MCHC (g/dL)	34.38	32 - 36
Neutrophils (%)	58.8	40 - 70
Lymphocytes (%)	38.45	20 - 40
Fasting Glucose (mg/dL)	70.39	70 - 99
Urea (mg/dL)	14.57	7 - 20
Creatinine (mg/dL)	0.9	0.59 - 1.04
Sodium (mmol/L)	181.74	135 - 145
Potassium (mmol/L)	4.39	3.5 - 5.1
ALT (U/L)	51.98	7 - 56
AST (U/L)	7.17	10 - 40

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