

Medical Lab - Synthetic Blood Report

Report ID:	BR100251	Patient Name:	Meera Reddy
Sex:	M	Age:	58
Report Date:	2025-09-03	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.73	13.5 - 17.5
RBC (10^6/µL)	5.47	4.3 - 5.9
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	229	150 - 400
Hematocrit (%)	50.51	41 - 53
MCV (fL)	57.31	80 - 100
MCH (pg)	29.79	27 - 32
MCHC (g/dL)	34.52	32 - 36
Neutrophils (%)	81.57	40 - 70
Lymphocytes (%)	19.25	20 - 40
Fasting Glucose (mg/dL)	96.28	70 - 99
Urea (mg/dL)	12.46	7 - 20
Creatinine (mg/dL)	1.38	0.74 - 1.35
Sodium (mmol/L)	141.04	135 - 145
Potassium (mmol/L)	4.21	3.5 - 5.1
ALT (U/L)	29.49	7 - 56
AST (U/L)	37.56	10 - 40

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