

Medical Lab - Synthetic Blood Report

Report ID:	BR100146	Patient Name:	Meera Reddy
Sex:	M	Age:	65
Report Date:	2025-07-28	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.76	13.5 - 17.5
RBC (10^6/µL)	3.1	4.3 - 5.9
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	135	150 - 400
Hematocrit (%)	49.89	41 - 53
MCV (fL)	91.73	80 - 100
MCH (pg)	27.39	27 - 32
MCHC (g/dL)	33.84	32 - 36
Neutrophils (%)	40.39	40 - 70
Lymphocytes (%)	38.32	20 - 40
Fasting Glucose (mg/dL)	93.48	70 - 99
Urea (mg/dL)	4.97	7 - 20
Creatinine (mg/dL)	1.13	0.74 - 1.35
Sodium (mmol/L)	144.89	135 - 145
Potassium (mmol/L)	4.31	3.5 - 5.1
ALT (U/L)	7.59	7 - 56
AST (U/L)	9.28	10 - 40

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