

# Medical Lab - Synthetic Blood Report

Report ID:	BR100790	Patient Name:	Meera Reddy
Sex:	F	Age:	58
Report Date:	2025-08-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.65	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	4.91	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	4	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	346	150 - 400
Hematocrit (%)	37.12	36 - 46
MCV (fL)	99.97	80 - 100
MCH (pg)	29.18	27 - 32
MCHC (g/dL)	33.56	32 - 36
Neutrophils (%)	37.98	40 - 70
Lymphocytes (%)	34.87	20 - 40
Fasting Glucose (mg/dL)	66.72	70 - 99
Urea (mg/dL)	19.6	7 - 20
Creatinine (mg/dL)	0.7	0.59 - 1.04
Sodium (mmol/L)	142.3	135 - 145
Potassium (mmol/L)	4.71	3.5 - 5.1
ALT (U/L)	35.23	7 - 56
AST (U/L)	13.98	10 - 40

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