

# Medical Lab - Synthetic Blood Report

Report ID:	BR100595	Patient Name:	Meera Iyer
Sex:	M	Age:	64
Report Date:	2024-11-07	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.01	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	4.43	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	5	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	176	150 - 400
Hematocrit (%)	48.28	41 - 53
MCV (fL)	63.57	80 - 100
MCH (pg)	27.04	27 - 32
MCHC (g/dL)	32.57	32 - 36
Neutrophils (%)	69.73	40 - 70
Lymphocytes (%)	38.47	20 - 40
Fasting Glucose (mg/dL)	74.99	70 - 99
Urea (mg/dL)	5.28	7 - 20
Creatinine (mg/dL)	0.76	0.74 - 1.35
Sodium (mmol/L)	141.09	135 - 145
Potassium (mmol/L)	3.78	3.5 - 5.1
ALT (U/L)	20.14	7 - 56
AST (U/L)	18.67	10 - 40

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