

# Medical Lab - Synthetic Blood Report

Report ID:	BR100241	Patient Name:	Rahul Iyer
Sex:	M	Age:	85
Report Date:	2025-02-12	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.5	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	3.09	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	5	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	175	150 - 400
Hematocrit (%)	49.09	41 - 53
MCV (fL)	83.91	80 - 100
MCH (pg)	28.25	27 - 32
MCHC (g/dL)	33.61	32 - 36
Neutrophils (%)	67.79	40 - 70
Lymphocytes (%)	36.58	20 - 40
Fasting Glucose (mg/dL)	72.24	70 - 99
Urea (mg/dL)	16.31	7 - 20
Creatinine (mg/dL)	0.89	0.74 - 1.35
Sodium (mmol/L)	136.47	135 - 145
Potassium (mmol/L)	2.68	3.5 - 5.1
ALT (U/L)	25.4	7 - 56
AST (U/L)	12.47	10 - 40

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