

# Medical Lab - Synthetic Blood Report

Report ID:	BR100177	Patient Name:	Nikhil Mehta
Sex:	M	Age:	76
Report Date:	2025-01-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.86	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	5.31	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	11	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	361	150 - 400
Hematocrit (%)	52.73	41 - 53
MCV (fL)	84.21	80 - 100
MCH (pg)	28.33	27 - 32
MCHC (g/dL)	34.08	32 - 36
Neutrophils (%)	58.35	40 - 70
Lymphocytes (%)	25.22	20 - 40
Fasting Glucose (mg/dL)	98.28	70 - 99
Urea (mg/dL)	18.12	7 - 20
Creatinine (mg/dL)	0.91	0.74 - 1.35
Sodium (mmol/L)	144.59	135 - 145
Potassium (mmol/L)	4.78	3.5 - 5.1
ALT (U/L)	72.7	7 - 56
AST (U/L)	14.24	10 - 40

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