

Medical Lab - Synthetic Blood Report

Report ID:	BR100278	Patient Name:	Rohit Iyer
Sex:	M	Age:	71
Report Date:	2025-07-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.55	13.5 - 17.5
RBC (10^6/µL)	3.12	4.3 - 5.9
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	323	150 - 400
Hematocrit (%)	41.28	41 - 53
MCV (fL)	82.33	80 - 100
MCH (pg)	26.49	27 - 32
MCHC (g/dL)	33.96	32 - 36
Neutrophils (%)	51.34	40 - 70
Lymphocytes (%)	31.85	20 - 40
Fasting Glucose (mg/dL)	90.44	70 - 99
Urea (mg/dL)	5.01	7 - 20
Creatinine (mg/dL)	0.96	0.74 - 1.35
Sodium (mmol/L)	140.1	135 - 145
Potassium (mmol/L)	3.81	3.5 - 5.1
ALT (U/L)	7.42	7 - 56
AST (U/L)	9.92	10 - 40

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