

# Medical Lab - Synthetic Blood Report

Report ID:	BR100692	Patient Name:	Riya Iyer
Sex:	F	Age:	71
Report Date:	2025-08-30	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.81	12.0 - 16.0
RBC (10^6/µL)	4.86	3.5 - 5.5
WBC (10^3/µL)	12	4.5 - 11.0
Platelets (10^3/µL)	262	150 - 400
Hematocrit (%)	40.95	36 - 46
MCV (fL)	88.22	80 - 100
MCH (pg)	28.07	27 - 32
MCHC (g/dL)	32.28	32 - 36
Neutrophils (%)	66.8	40 - 70
Lymphocytes (%)	37.5	20 - 40
Fasting Glucose (mg/dL)	80.94	70 - 99
Urea (mg/dL)	9.86	7 - 20
Creatinine (mg/dL)	0.81	0.59 - 1.04
Sodium (mmol/L)	135.62	135 - 145
Potassium (mmol/L)	3.52	3.5 - 5.1
ALT (U/L)	36.47	7 - 56
AST (U/L)	12.09	10 - 40

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