

Medical Lab - Synthetic Blood Report

Report ID:	BR100041	Patient Name:	Riya Joshi
Sex:	M	Age:	82
Report Date:	2025-01-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.98	13.5 - 17.5
RBC (10 ⁶ /μL)	5.68	4.3 - 5.9
WBC (10 ³ /μL)	10	4.5 - 11.0
Platelets (10 ³ /μL)	369	150 - 400
Hematocrit (%)	42.35	41 - 53
MCV (fL)	82.19	80 - 100
MCH (pg)	31.94	27 - 32
MCHC (g/dL)	34.58	32 - 36
Neutrophils (%)	40.82	40 - 70
Lymphocytes (%)	38.44	20 - 40
Fasting Glucose (mg/dL)	93.89	70 - 99
Urea (mg/dL)	23.91	7 - 20
Creatinine (mg/dL)	1.31	0.74 - 1.35
Sodium (mmol/L)	143.61	135 - 145
Potassium (mmol/L)	4.05	3.5 - 5.1
ALT (U/L)	5.34	7 - 56
AST (U/L)	38.54	10 - 40

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