

# Medical Lab - Synthetic Blood Report

Report ID:	BR100938	Patient Name:	Asha Joshi
Sex:	F	Age:	53
Report Date:	2025-02-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.71	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	3.78	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	10	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	495	150 - 400
Hematocrit (%)	40.03	36 - 46
MCV (fL)	83.59	80 - 100
MCH (pg)	31.89	27 - 32
MCHC (g/dL)	32.58	32 - 36
Neutrophils (%)	28.19	40 - 70
Lymphocytes (%)	37.52	20 - 40
Fasting Glucose (mg/dL)	76.23	70 - 99
Urea (mg/dL)	16.11	7 - 20
Creatinine (mg/dL)	0.67	0.59 - 1.04
Sodium (mmol/L)	141.42	135 - 145
Potassium (mmol/L)	3.92	3.5 - 5.1
ALT (U/L)	55.24	7 - 56
AST (U/L)	37.26	10 - 40

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