

# Medical Lab - Synthetic Blood Report

Report ID:	BR100221	Patient Name:	Asha Jain
Sex:	F	Age:	58
Report Date:	2025-02-27	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.13	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	4.01	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	9	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	383	150 - 400
Hematocrit (%)	36.63	36 - 46
MCV (fL)	97.0	80 - 100
MCH (pg)	38.03	27 - 32
MCHC (g/dL)	34.6	32 - 36
Neutrophils (%)	53.1	40 - 70
Lymphocytes (%)	38.58	20 - 40
Fasting Glucose (mg/dL)	71.94	70 - 99
Urea (mg/dL)	18.39	7 - 20
Creatinine (mg/dL)	1.0	0.59 - 1.04
Sodium (mmol/L)	138.29	135 - 145
Potassium (mmol/L)	2.51	3.5 - 5.1
ALT (U/L)	6.55	7 - 56
AST (U/L)	25.17	10 - 40

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