

# Medical Lab - Synthetic Blood Report

Report ID:	BR100092	Patient Name:	Asha Malhotra
Sex:	M	Age:	64
Report Date:	2025-02-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.23	13.5 - 17.5
RBC (10^6/µL)	3.32	4.3 - 5.9
WBC (10^3/µL)	4	4.5 - 11.0
Platelets (10^3/µL)	267	150 - 400
Hematocrit (%)	43.89	41 - 53
MCV (fL)	92.83	80 - 100
MCH (pg)	40.27	27 - 32
MCHC (g/dL)	34.55	32 - 36
Neutrophils (%)	40.37	40 - 70
Lymphocytes (%)	32.84	20 - 40
Fasting Glucose (mg/dL)	86.59	70 - 99
Urea (mg/dL)	7.88	7 - 20
Creatinine (mg/dL)	0.73	0.74 - 1.35
Sodium (mmol/L)	143.63	135 - 145
Potassium (mmol/L)	3.67	3.5 - 5.1
ALT (U/L)	68.65	7 - 56
AST (U/L)	29.77	10 - 40

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