

# Medical Lab - Synthetic Blood Report

Report ID:	BR100981	Patient Name:	Asha Malhotra
Sex:	F	Age:	46
Report Date:	2024-12-16	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.52	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	4.69	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	7	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	265	150 - 400
Hematocrit (%)	36.24	36 - 46
MCV (fL)	88.56	80 - 100
MCH (pg)	30.2	27 - 32
MCHC (g/dL)	33.44	32 - 36
Neutrophils (%)	48.26	40 - 70
Lymphocytes (%)	39.65	20 - 40
Fasting Glucose (mg/dL)	82.51	70 - 99
Urea (mg/dL)	14.51	7 - 20
Creatinine (mg/dL)	0.96	0.59 - 1.04
Sodium (mmol/L)	139.77	135 - 145
Potassium (mmol/L)	3.6	3.5 - 5.1
ALT (U/L)	19.48	7 - 56
AST (U/L)	15.89	10 - 40

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