

# Medical Lab - Synthetic Blood Report

Report ID:	BR100482	Patient Name:	Rohit Joshi
Sex:	F	Age:	50
Report Date:	2024-12-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.21	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	4.06	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	6	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	181	150 - 400
Hematocrit (%)	27.21	36 - 46
MCV (fL)	95.06	80 - 100
MCH (pg)	28.13	27 - 32
MCHC (g/dL)	33.0	32 - 36
Neutrophils (%)	42.4	40 - 70
Lymphocytes (%)	41.31	20 - 40
Fasting Glucose (mg/dL)	78.31	70 - 99
Urea (mg/dL)	7.22	7 - 20
Creatinine (mg/dL)	0.77	0.59 - 1.04
Sodium (mmol/L)	136.84	135 - 145
Potassium (mmol/L)	5.03	3.5 - 5.1
ALT (U/L)	40.19	7 - 56
AST (U/L)	30.47	10 - 40

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