

# Medical Lab - Synthetic Blood Report

Report ID:	BR100632	Patient Name:	Rohit Khan
Sex:	F	Age:	68
Report Date:	2025-02-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.51	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	3.38	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	9	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	256	150 - 400
Hematocrit (%)	43.35	36 - 46
MCV (fL)	117.96	80 - 100
MCH (pg)	31.17	27 - 32
MCHC (g/dL)	35.85	32 - 36
Neutrophils (%)	42.07	40 - 70
Lymphocytes (%)	31.64	20 - 40
Fasting Glucose (mg/dL)	96.34	70 - 99
Urea (mg/dL)	24.58	7 - 20
Creatinine (mg/dL)	0.61	0.59 - 1.04
Sodium (mmol/L)	136.46	135 - 145
Potassium (mmol/L)	4.97	3.5 - 5.1
ALT (U/L)	49.13	7 - 56
AST (U/L)	10.95	10 - 40

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