

# Medical Lab - Synthetic Blood Report

Report ID:	BR100106	Patient Name:	Sameer Joshi
Sex:	F	Age:	65
Report Date:	2025-07-09	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	10.8	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	3.61	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	5	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	193	150 - 400
Hematocrit (%)	41.78	36 - 46
MCV (fL)	94.58	80 - 100
MCH (pg)	31.61	27 - 32
MCHC (g/dL)	33.14	32 - 36
Neutrophils (%)	47.72	40 - 70
Lymphocytes (%)	27.38	20 - 40
Fasting Glucose (mg/dL)	51.58	70 - 99
Urea (mg/dL)	16.38	7 - 20
Creatinine (mg/dL)	0.68	0.59 - 1.04
Sodium (mmol/L)	136.83	135 - 145
Potassium (mmol/L)	3.5	3.5 - 5.1
ALT (U/L)	54.97	7 - 56
AST (U/L)	30.87	10 - 40

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