

# Medical Lab - Synthetic Blood Report

Report ID:	BR100551	Patient Name:	Sameer Saxena
Sex:	F	Age:	24
Report Date:	2025-06-16	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.32	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	5.21	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	7	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	334	150 - 400
Hematocrit (%)	45.13	36 - 46
MCV (fL)	96.57	80 - 100
MCH (pg)	30.89	27 - 32
MCHC (g/dL)	34.4	32 - 36
Neutrophils (%)	65.18	40 - 70
Lymphocytes (%)	14.14	20 - 40
Fasting Glucose (mg/dL)	79.21	70 - 99
Urea (mg/dL)	6.29	7 - 20
Creatinine (mg/dL)	0.91	0.59 - 1.04
Sodium (mmol/L)	143.12	135 - 145
Potassium (mmol/L)	3.7	3.5 - 5.1
ALT (U/L)	9.22	7 - 56
AST (U/L)	14.12	10 - 40

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