

# Medical Lab - Synthetic Blood Report

Report ID:	BR100525	Patient Name:	Sameer Jain
Sex:	F	Age:	22
Report Date:	2025-01-12	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	10.7	12.0 - 16.0
RBC (10^6/ $\mu$ L)	4.49	3.5 - 5.5
WBC (10^3/ $\mu$ L)	5	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	403	150 - 400
Hematocrit (%)	39.75	36 - 46
MCV (fL)	96.98	80 - 100
MCH (pg)	27.81	27 - 32
MCHC (g/dL)	33.48	32 - 36
Neutrophils (%)	40.24	40 - 70
Lymphocytes (%)	30.02	20 - 40
Fasting Glucose (mg/dL)	81.33	70 - 99
Urea (mg/dL)	8.6	7 - 20
Creatinine (mg/dL)	0.66	0.59 - 1.04
Sodium (mmol/L)	140.28	135 - 145
Potassium (mmol/L)	4.93	3.5 - 5.1
ALT (U/L)	40.25	7 - 56
AST (U/L)	18.25	10 - 40

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