

# Medical Lab - Synthetic Blood Report

Report ID:	BR100038	Patient Name:	Sameer Jain
Sex:	F	Age:	25
Report Date:	2024-12-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	18.26	12.0 - 16.0
RBC (10^6/μL)	3.51	3.5 - 5.5
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	283	150 - 400
Hematocrit (%)	37.37	36 - 46
MCV (fL)	82.06	80 - 100
MCH (pg)	30.68	27 - 32
MCHC (g/dL)	36.59	32 - 36
Neutrophils (%)	62.57	40 - 70
Lymphocytes (%)	26.01	20 - 40
Fasting Glucose (mg/dL)	98.52	70 - 99
Urea (mg/dL)	7.35	7 - 20
Creatinine (mg/dL)	0.52	0.59 - 1.04
Sodium (mmol/L)	137.89	135 - 145
Potassium (mmol/L)	4.92	3.5 - 5.1
ALT (U/L)	48.76	7 - 56
AST (U/L)	26.56	10 - 40

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