

Medical Lab - Synthetic Blood Report

Report ID:	BR100825	Patient Name:	Sameer Iyer
Sex:	F	Age:	21
Report Date:	2025-04-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.52	12.0 - 16.0
RBC (10^6/ μ L)	4.49	3.5 - 5.5
WBC (10^3/ μ L)	7	4.5 - 11.0
Platelets (10^3/ μ L)	243	150 - 400
Hematocrit (%)	37.68	36 - 46
MCV (fL)	92.58	80 - 100
MCH (pg)	25.04	27 - 32
MCHC (g/dL)	32.24	32 - 36
Neutrophils (%)	74.5	40 - 70
Lymphocytes (%)	14.81	20 - 40
Fasting Glucose (mg/dL)	81.43	70 - 99
Urea (mg/dL)	9.84	7 - 20
Creatinine (mg/dL)	0.91	0.59 - 1.04
Sodium (mmol/L)	138.43	135 - 145
Potassium (mmol/L)	3.23	3.5 - 5.1
ALT (U/L)	20.98	7 - 56
AST (U/L)	15.03	10 - 40

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