

Medical Lab - Synthetic Blood Report

Report ID:	BR100166	Patient Name:	Amit Jain
Sex:	F	Age:	21
Report Date:	2024-10-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.48	12.0 - 16.0
RBC (10^6/μL)	3.52	3.5 - 5.5
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	378	150 - 400
Hematocrit (%)	43.39	36 - 46
MCV (fL)	98.48	80 - 100
MCH (pg)	30.86	27 - 32
MCHC (g/dL)	34.68	32 - 36
Neutrophils (%)	55.0	40 - 70
Lymphocytes (%)	17.01	20 - 40
Fasting Glucose (mg/dL)	107.84	70 - 99
Urea (mg/dL)	24.68	7 - 20
Creatinine (mg/dL)	1.22	0.59 - 1.04
Sodium (mmol/L)	135.62	135 - 145
Potassium (mmol/L)	4.02	3.5 - 5.1
ALT (U/L)	24.69	7 - 56
AST (U/L)	9.84	10 - 40

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