

Medical Lab - Synthetic Blood Report

Report ID:	BR100778	Patient Name:	Amit Jain
Sex:	M	Age:	47
Report Date:	2025-08-30	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.57	13.5 - 17.5
RBC (10^6/µL)	6.12	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	255	150 - 400
Hematocrit (%)	42.07	41 - 53
MCV (fL)	94.8	80 - 100
MCH (pg)	29.33	27 - 32
MCHC (g/dL)	35.21	32 - 36
Neutrophils (%)	59.94	40 - 70
Lymphocytes (%)	23.78	20 - 40
Fasting Glucose (mg/dL)	90.47	70 - 99
Urea (mg/dL)	9.67	7 - 20
Creatinine (mg/dL)	0.81	0.74 - 1.35
Sodium (mmol/L)	143.81	135 - 145
Potassium (mmol/L)	3.85	3.5 - 5.1
ALT (U/L)	30.46	7 - 56
AST (U/L)	25.5	10 - 40

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