

# Medical Lab - Synthetic Blood Report

Report ID:	BR100464	Patient Name:	Amit Joshi
Sex:	F	Age:	25
Report Date:	2025-04-29	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.43	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	3.72	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	8	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	385	150 - 400
Hematocrit (%)	26.69	36 - 46
MCV (fL)	81.13	80 - 100
MCH (pg)	31.06	27 - 32
MCHC (g/dL)	26.74	32 - 36
Neutrophils (%)	55.38	40 - 70
Lymphocytes (%)	23.76	20 - 40
Fasting Glucose (mg/dL)	80.8	70 - 99
Urea (mg/dL)	24.05	7 - 20
Creatinine (mg/dL)	1.3	0.59 - 1.04
Sodium (mmol/L)	162.18	135 - 145
Potassium (mmol/L)	3.95	3.5 - 5.1
ALT (U/L)	43.57	7 - 56
AST (U/L)	10.19	10 - 40

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