

# Medical Lab - Synthetic Blood Report

Report ID:	BR100954	Patient Name:	Asha Verma
Sex:	F	Age:	22
Report Date:	2025-02-22	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.52	12.0 - 16.0
RBC (10^6/μL)	5.36	3.5 - 5.5
WBC (10^3/μL)	11	4.5 - 11.0
Platelets (10^3/μL)	297	150 - 400
Hematocrit (%)	42.15	36 - 46
MCV (fL)	82.15	80 - 100
MCH (pg)	28.97	27 - 32
MCHC (g/dL)	34.92	32 - 36
Neutrophils (%)	35.84	40 - 70
Lymphocytes (%)	19.14	20 - 40
Fasting Glucose (mg/dL)	66.17	70 - 99
Urea (mg/dL)	19.44	7 - 20
Creatinine (mg/dL)	0.78	0.59 - 1.04
Sodium (mmol/L)	142.19	135 - 145
Potassium (mmol/L)	4.66	3.5 - 5.1
ALT (U/L)	49.9	7 - 56
AST (U/L)	39.0	10 - 40

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