

# Medical Lab - Synthetic Blood Report

Report ID:	BR100497	Patient Name:	Asha Verma
Sex:	F	Age:	20
Report Date:	2025-05-28	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.63	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	5.27	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	4	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	367	150 - 400
Hematocrit (%)	44.47	36 - 46
MCV (fL)	85.77	80 - 100
MCH (pg)	27.87	27 - 32
MCHC (g/dL)	35.37	32 - 36
Neutrophils (%)	62.63	40 - 70
Lymphocytes (%)	23.13	20 - 40
Fasting Glucose (mg/dL)	95.92	70 - 99
Urea (mg/dL)	13.57	7 - 20
Creatinine (mg/dL)	0.85	0.59 - 1.04
Sodium (mmol/L)	144.42	135 - 145
Potassium (mmol/L)	3.81	3.5 - 5.1
ALT (U/L)	45.98	7 - 56
AST (U/L)	9.76	10 - 40

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