

# Medical Lab - Synthetic Blood Report

Report ID:	BR100102	Patient Name:	Priya Verma
Sex:	F	Age:	39
Report Date:	2024-10-21	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.02	12.0 - 16.0
RBC (10^6/μL)	5.12	3.5 - 5.5
WBC (10^3/μL)	10	4.5 - 11.0
Platelets (10^3/μL)	153	150 - 400
Hematocrit (%)	40.45	36 - 46
MCV (fL)	84.93	80 - 100
MCH (pg)	27.95	27 - 32
MCHC (g/dL)	32.17	32 - 36
Neutrophils (%)	56.48	40 - 70
Lymphocytes (%)	27.86	20 - 40
Fasting Glucose (mg/dL)	89.63	70 - 99
Urea (mg/dL)	17.32	7 - 20
Creatinine (mg/dL)	0.83	0.59 - 1.04
Sodium (mmol/L)	100.85	135 - 145
Potassium (mmol/L)	3.82	3.5 - 5.1
ALT (U/L)	45.59	7 - 56
AST (U/L)	17.38	10 - 40

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