

# Medical Lab - Synthetic Blood Report

Report ID:	BR100057	Patient Name:	Riya Singh
Sex:	F	Age:	28
Report Date:	2025-08-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.96	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	3.86	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	10	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	214	150 - 400
Hematocrit (%)	28.15	36 - 46
MCV (fL)	94.07	80 - 100
MCH (pg)	39.77	27 - 32
MCHC (g/dL)	34.53	32 - 36
Neutrophils (%)	66.84	40 - 70
Lymphocytes (%)	27.34	20 - 40
Fasting Glucose (mg/dL)	84.89	70 - 99
Urea (mg/dL)	9.43	7 - 20
Creatinine (mg/dL)	0.42	0.59 - 1.04
Sodium (mmol/L)	143.97	135 - 145
Potassium (mmol/L)	4.27	3.5 - 5.1
ALT (U/L)	21.1	7 - 56
AST (U/L)	7.93	10 - 40

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