

# Medical Lab - Synthetic Blood Report

Report ID:	BR100101	Patient Name:	Riya Iyer
Sex:	F	Age:	47
Report Date:	2025-03-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.61	12.0 - 16.0
RBC (10^6/µL)	4.73	3.5 - 5.5
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	181	150 - 400
Hematocrit (%)	40.08	36 - 46
MCV (fL)	94.58	80 - 100
MCH (pg)	30.87	27 - 32
MCHC (g/dL)	33.32	32 - 36
Neutrophils (%)	66.56	40 - 70
Lymphocytes (%)	29.61	20 - 40
Fasting Glucose (mg/dL)	82.28	70 - 99
Urea (mg/dL)	13.75	7 - 20
Creatinine (mg/dL)	1.12	0.59 - 1.04
Sodium (mmol/L)	143.74	135 - 145
Potassium (mmol/L)	2.69	3.5 - 5.1
ALT (U/L)	16.69	7 - 56
AST (U/L)	21.62	10 - 40

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