

# Medical Lab - Synthetic Blood Report

Report ID:	BR100770	Patient Name:	Riya Iyer
Sex:	F	Age:	46
Report Date:	2024-10-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.83	12.0 - 16.0
RBC (10^6/µL)	5.21	3.5 - 5.5
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	404	150 - 400
Hematocrit (%)	37.11	36 - 46
MCV (fL)	89.04	80 - 100
MCH (pg)	30.21	27 - 32
MCHC (g/dL)	33.27	32 - 36
Neutrophils (%)	43.96	40 - 70
Lymphocytes (%)	32.79	20 - 40
Fasting Glucose (mg/dL)	75.38	70 - 99
Urea (mg/dL)	16.61	7 - 20
Creatinine (mg/dL)	0.98	0.59 - 1.04
Sodium (mmol/L)	144.12	135 - 145
Potassium (mmol/L)	2.69	3.5 - 5.1
ALT (U/L)	52.58	7 - 56
AST (U/L)	22.35	10 - 40

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