

# Medical Lab - Synthetic Blood Report

Report ID:	BR100638	Patient Name:	Riya Iyer
Sex:	M	Age:	64
Report Date:	2025-06-05	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.18	13.5 - 17.5
RBC (10^6/µL)	5.06	4.3 - 5.9
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	221	150 - 400
Hematocrit (%)	45.86	41 - 53
MCV (fL)	97.67	80 - 100
MCH (pg)	31.0	27 - 32
MCHC (g/dL)	32.01	32 - 36
Neutrophils (%)	53.15	40 - 70
Lymphocytes (%)	37.44	20 - 40
Fasting Glucose (mg/dL)	95.27	70 - 99
Urea (mg/dL)	17.02	7 - 20
Creatinine (mg/dL)	1.05	0.74 - 1.35
Sodium (mmol/L)	136.15	135 - 145
Potassium (mmol/L)	4.14	3.5 - 5.1
ALT (U/L)	71.54	7 - 56
AST (U/L)	12.29	10 - 40

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