

# Medical Lab - Synthetic Blood Report

Report ID:	BR100265	Patient Name:	Riya Sharma
Sex:	M	Age:	62
Report Date:	2024-10-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.07	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	5.52	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	4	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	346	150 - 400
Hematocrit (%)	47.88	41 - 53
MCV (fL)	84.69	80 - 100
MCH (pg)	19.03	27 - 32
MCHC (g/dL)	35.74	32 - 36
Neutrophils (%)	60.57	40 - 70
Lymphocytes (%)	32.22	20 - 40
Fasting Glucose (mg/dL)	91.18	70 - 99
Urea (mg/dL)	12.53	7 - 20
Creatinine (mg/dL)	1.14	0.74 - 1.35
Sodium (mmol/L)	137.93	135 - 145
Potassium (mmol/L)	3.73	3.5 - 5.1
ALT (U/L)	21.21	7 - 56
AST (U/L)	32.35	10 - 40

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