

# Medical Lab - Synthetic Blood Report

Report ID:	BR100642	Patient Name:	Priya Bose
Sex:	M	Age:	58
Report Date:	2025-01-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	10.82	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	4.64	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	6	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	217	150 - 400
Hematocrit (%)	43.03	41 - 53
MCV (fL)	68.27	80 - 100
MCH (pg)	27.59	27 - 32
MCHC (g/dL)	32.96	32 - 36
Neutrophils (%)	39.03	40 - 70
Lymphocytes (%)	27.47	20 - 40
Fasting Glucose (mg/dL)	86.4	70 - 99
Urea (mg/dL)	8.11	7 - 20
Creatinine (mg/dL)	1.01	0.74 - 1.35
Sodium (mmol/L)	135.49	135 - 145
Potassium (mmol/L)	2.84	3.5 - 5.1
ALT (U/L)	57.42	7 - 56
AST (U/L)	13.1	10 - 40

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