

# Medical Lab - Synthetic Blood Report

Report ID:	BR100083	Patient Name:	Pooja Bose
Sex:	M	Age:	40
Report Date:	2025-08-04	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.91	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	5.55	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	6	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	269	150 - 400
Hematocrit (%)	49.91	41 - 53
MCV (fL)	99.26	80 - 100
MCH (pg)	30.2	27 - 32
MCHC (g/dL)	35.48	32 - 36
Neutrophils (%)	58.29	40 - 70
Lymphocytes (%)	50.14	20 - 40
Fasting Glucose (mg/dL)	97.3	70 - 99
Urea (mg/dL)	12.51	7 - 20
Creatinine (mg/dL)	1.01	0.74 - 1.35
Sodium (mmol/L)	141.21	135 - 145
Potassium (mmol/L)	3.1	3.5 - 5.1
ALT (U/L)	12.82	7 - 56
AST (U/L)	10.49	10 - 40

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