

# Medical Lab - Synthetic Blood Report

Report ID:	BR100391	Patient Name:	Priya Malhotra
Sex:	M	Age:	54
Report Date:	2024-11-18	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.44	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	4.49	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	8	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	468	150 - 400
Hematocrit (%)	50.77	41 - 53
MCV (fL)	92.08	80 - 100
MCH (pg)	29.38	27 - 32
MCHC (g/dL)	32.48	32 - 36
Neutrophils (%)	50.43	40 - 70
Lymphocytes (%)	16.16	20 - 40
Fasting Glucose (mg/dL)	89.79	70 - 99
Urea (mg/dL)	16.84	7 - 20
Creatinine (mg/dL)	0.84	0.74 - 1.35
Sodium (mmol/L)	137.91	135 - 145
Potassium (mmol/L)	4.53	3.5 - 5.1
ALT (U/L)	34.76	7 - 56
AST (U/L)	50.0	10 - 40

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