

# Medical Lab - Synthetic Blood Report

Report ID:	BR100285	Patient Name:	Meera Joshi
Sex:	M	Age:	44
Report Date:	2025-09-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.89	13.5 - 17.5
RBC (10^6/µL)	4.54	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	299	150 - 400
Hematocrit (%)	48.31	41 - 53
MCV (fL)	82.28	80 - 100
MCH (pg)	28.83	27 - 32
MCHC (g/dL)	26.75	32 - 36
Neutrophils (%)	66.9	40 - 70
Lymphocytes (%)	39.23	20 - 40
Fasting Glucose (mg/dL)	76.9	70 - 99
Urea (mg/dL)	7.64	7 - 20
Creatinine (mg/dL)	1.26	0.74 - 1.35
Sodium (mmol/L)	143.27	135 - 145
Potassium (mmol/L)	4.53	3.5 - 5.1
ALT (U/L)	60.78	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.