

# Medical Lab - Synthetic Blood Report

Report ID:	BR100287	Patient Name:	Meera Singh
Sex:	M	Age:	32
Report Date:	2025-09-03	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.3	13.5 - 17.5
RBC (10^6/µL)	4.38	4.3 - 5.9
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	344	150 - 400
Hematocrit (%)	44.6	41 - 53
MCV (fL)	95.28	80 - 100
MCH (pg)	29.72	27 - 32
MCHC (g/dL)	32.32	32 - 36
Neutrophils (%)	54.36	40 - 70
Lymphocytes (%)	27.8	20 - 40
Fasting Glucose (mg/dL)	80.24	70 - 99
Urea (mg/dL)	16.12	7 - 20
Creatinine (mg/dL)	1.25	0.74 - 1.35
Sodium (mmol/L)	142.12	135 - 145
Potassium (mmol/L)	3.57	3.5 - 5.1
ALT (U/L)	30.83	7 - 56
AST (U/L)	24.63	10 - 40

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