

Medical Lab - Synthetic Blood Report

Report ID:	BR100020	Patient Name:	Priya Mehta
Sex:	M	Age:	26
Report Date:	2025-06-02	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.28	13.5 - 17.5
RBC (10^6/µL)	5.47	4.3 - 5.9
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	250	150 - 400
Hematocrit (%)	51.04	41 - 53
MCV (fL)	94.37	80 - 100
MCH (pg)	27.36	27 - 32
MCHC (g/dL)	33.82	32 - 36
Neutrophils (%)	45.95	40 - 70
Lymphocytes (%)	36.67	20 - 40
Fasting Glucose (mg/dL)	97.13	70 - 99
Urea (mg/dL)	6.41	7 - 20
Creatinine (mg/dL)	0.75	0.74 - 1.35
Sodium (mmol/L)	117.38	135 - 145
Potassium (mmol/L)	2.74	3.5 - 5.1
ALT (U/L)	5.81	7 - 56
AST (U/L)	20.36	10 - 40

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