

Medical Lab - Synthetic Blood Report

Report ID:	BR100002	Patient Name:	Amit Mehta
Sex:	M	Age:	30
Report Date:	2025-08-07	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.37	13.5 - 17.5
RBC (10^6/µL)	5.19	4.3 - 5.9
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	390	150 - 400
Hematocrit (%)	40.78	41 - 53
MCV (fL)	83.01	80 - 100
MCH (pg)	29.7	27 - 32
MCHC (g/dL)	33.3	32 - 36
Neutrophils (%)	71.66	40 - 70
Lymphocytes (%)	38.41	20 - 40
Fasting Glucose (mg/dL)	92.4	70 - 99
Urea (mg/dL)	15.82	7 - 20
Creatinine (mg/dL)	1.03	0.74 - 1.35
Sodium (mmol/L)	159.18	135 - 145
Potassium (mmol/L)	4.17	3.5 - 5.1
ALT (U/L)	16.88	7 - 56
AST (U/L)	30.96	10 - 40

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