

Medical Lab - Synthetic Blood Report

Report ID:	BR100629	Patient Name:	Sameer Gupta
Sex:	M	Age:	40
Report Date:	2025-10-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.24	13.5 - 17.5
RBC (10^6/μL)	4.3	4.3 - 5.9
WBC (10^3/μL)	4	4.5 - 11.0
Platelets (10^3/μL)	294	150 - 400
Hematocrit (%)	43.68	41 - 53
MCV (fL)	94.89	80 - 100
MCH (pg)	40.81	27 - 32
MCHC (g/dL)	33.5	32 - 36
Neutrophils (%)	31.61	40 - 70
Lymphocytes (%)	23.39	20 - 40
Fasting Glucose (mg/dL)	71.73	70 - 99
Urea (mg/dL)	11.38	7 - 20
Creatinine (mg/dL)	0.6	0.74 - 1.35
Sodium (mmol/L)	143.66	135 - 145
Potassium (mmol/L)	4.91	3.5 - 5.1
ALT (U/L)	40.05	7 - 56
AST (U/L)	28.37	10 - 40

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