

Medical Lab - Synthetic Blood Report

Report ID:	BR100058	Patient Name:	Aman Gupta
Sex:	M	Age:	45
Report Date:	2025-01-12	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.41	13.5 - 17.5
RBC (10^6/ μ L)	6.43	4.3 - 5.9
WBC (10^3/ μ L)	10	4.5 - 11.0
Platelets (10^3/ μ L)	341	150 - 400
Hematocrit (%)	46.15	41 - 53
MCV (fL)	93.87	80 - 100
MCH (pg)	35.67	27 - 32
MCHC (g/dL)	33.75	32 - 36
Neutrophils (%)	67.3	40 - 70
Lymphocytes (%)	25.8	20 - 40
Fasting Glucose (mg/dL)	98.47	70 - 99
Urea (mg/dL)	17.91	7 - 20
Creatinine (mg/dL)	0.87	0.74 - 1.35
Sodium (mmol/L)	176.29	135 - 145
Potassium (mmol/L)	4.81	3.5 - 5.1
ALT (U/L)	54.72	7 - 56
AST (U/L)	33.9	10 - 40

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