

# Medical Lab - Synthetic Blood Report

Report ID:	BR100328	Patient Name:	Karan Gupta
Sex:	M	Age:	39
Report Date:	2025-07-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.18	13.5 - 17.5
RBC (10^6/µL)	5.38	4.3 - 5.9
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	325	150 - 400
Hematocrit (%)	49.47	41 - 53
MCV (fL)	82.29	80 - 100
MCH (pg)	28.75	27 - 32
MCHC (g/dL)	32.94	32 - 36
Neutrophils (%)	65.59	40 - 70
Lymphocytes (%)	22.23	20 - 40
Fasting Glucose (mg/dL)	83.55	70 - 99
Urea (mg/dL)	14.83	7 - 20
Creatinine (mg/dL)	1.23	0.74 - 1.35
Sodium (mmol/L)	144.86	135 - 145
Potassium (mmol/L)	5.1	3.5 - 5.1
ALT (U/L)	6.95	7 - 56
AST (U/L)	43.53	10 - 40

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