

# Medical Lab - Synthetic Blood Report

Report ID:	BR100439	Patient Name:	Isha Gupta
Sex:	M	Age:	36
Report Date:	2024-11-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.7	13.5 - 17.5
RBC (10^6/μL)	4.36	4.3 - 5.9
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	201	150 - 400
Hematocrit (%)	60.43	41 - 53
MCV (fL)	84.34	80 - 100
MCH (pg)	40.98	27 - 32
MCHC (g/dL)	32.59	32 - 36
Neutrophils (%)	66.42	40 - 70
Lymphocytes (%)	51.62	20 - 40
Fasting Glucose (mg/dL)	79.64	70 - 99
Urea (mg/dL)	19.45	7 - 20
Creatinine (mg/dL)	1.21	0.74 - 1.35
Sodium (mmol/L)	120.95	135 - 145
Potassium (mmol/L)	2.97	3.5 - 5.1
ALT (U/L)	41.34	7 - 56
AST (U/L)	36.27	10 - 40

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