

# Medical Lab - Synthetic Blood Report

Report ID:	BR100836	Patient Name:	Arjun Gupta
Sex:	F	Age:	20
Report Date:	2025-07-31	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.59	12.0 - 16.0
RBC (10^6/μL)	5.13	3.5 - 5.5
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	148	150 - 400
Hematocrit (%)	45.13	36 - 46
MCV (fL)	85.98	80 - 100
MCH (pg)	30.36	27 - 32
MCHC (g/dL)	33.27	32 - 36
Neutrophils (%)	41.4	40 - 70
Lymphocytes (%)	34.55	20 - 40
Fasting Glucose (mg/dL)	93.64	70 - 99
Urea (mg/dL)	12.53	7 - 20
Creatinine (mg/dL)	0.85	0.59 - 1.04
Sodium (mmol/L)	136.81	135 - 145
Potassium (mmol/L)	4.11	3.5 - 5.1
ALT (U/L)	28.36	7 - 56
AST (U/L)	33.86	10 - 40

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