

# Medical Lab - Synthetic Blood Report

Report ID:	BR100066	Patient Name:	Arjun Gupta
Sex:	F	Age:	29
Report Date:	2025-03-30	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.8	12.0 - 16.0
RBC (10^6/µL)	3.53	3.5 - 5.5
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	266	150 - 400
Hematocrit (%)	38.54	36 - 46
MCV (fL)	94.61	80 - 100
MCH (pg)	27.72	27 - 32
MCHC (g/dL)	33.47	32 - 36
Neutrophils (%)	43.0	40 - 70
Lymphocytes (%)	22.49	20 - 40
Fasting Glucose (mg/dL)	65.61	70 - 99
Urea (mg/dL)	11.2	7 - 20
Creatinine (mg/dL)	0.72	0.59 - 1.04
Sodium (mmol/L)	141.13	135 - 145
Potassium (mmol/L)	4.68	3.5 - 5.1
ALT (U/L)	52.53	7 - 56
AST (U/L)	32.35	10 - 40

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