

# Medical Lab - Synthetic Blood Report

Report ID:	BR100124	Patient Name:	Divya Nair
Sex:	M	Age:	21
Report Date:	2025-10-07	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.94	13.5 - 17.5
RBC (10^6/µL)	4.55	4.3 - 5.9
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	306	150 - 400
Hematocrit (%)	43.55	41 - 53
MCV (fL)	93.61	80 - 100
MCH (pg)	29.9	27 - 32
MCHC (g/dL)	32.71	32 - 36
Neutrophils (%)	64.19	40 - 70
Lymphocytes (%)	48.8	20 - 40
Fasting Glucose (mg/dL)	77.87	70 - 99
Urea (mg/dL)	11.68	7 - 20
Creatinine (mg/dL)	0.85	0.74 - 1.35
Sodium (mmol/L)	140.0	135 - 145
Potassium (mmol/L)	2.64	3.5 - 5.1
ALT (U/L)	15.62	7 - 56
AST (U/L)	34.0	10 - 40

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