

# Medical Lab - Synthetic Blood Report

Report ID:	BR100569	Patient Name:	Divya Sharma
Sex:	M	Age:	17
Report Date:	2025-08-16	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.42	13.5 - 17.5
RBC (10^6/μL)	5.1	4.3 - 5.9
WBC (10^3/μL)	12	4.5 - 11.0
Platelets (10^3/μL)	365	150 - 400
Hematocrit (%)	43.76	41 - 53
MCV (fL)	87.53	80 - 100
MCH (pg)	31.66	27 - 32
MCHC (g/dL)	34.8	32 - 36
Neutrophils (%)	48.08	40 - 70
Lymphocytes (%)	22.89	20 - 40
Fasting Glucose (mg/dL)	81.49	70 - 99
Urea (mg/dL)	17.21	7 - 20
Creatinine (mg/dL)	1.3	0.74 - 1.35
Sodium (mmol/L)	137.11	135 - 145
Potassium (mmol/L)	4.2	3.5 - 5.1
ALT (U/L)	44.11	7 - 56
AST (U/L)	30.93	10 - 40

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