

# Medical Lab - Synthetic Blood Report

Report ID:	BR100796	Patient Name:	Amit Nair
Sex:	F	Age:	14
Report Date:	2025-07-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.69	12.0 - 16.0
RBC (10^6/μL)	4.78	3.5 - 5.5
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	184	150 - 400
Hematocrit (%)	44.7	36 - 46
MCV (fL)	113.61	80 - 100
MCH (pg)	31.13	27 - 32
MCHC (g/dL)	34.77	32 - 36
Neutrophils (%)	62.43	40 - 70
Lymphocytes (%)	24.69	20 - 40
Fasting Glucose (mg/dL)	88.99	70 - 99
Urea (mg/dL)	15.21	7 - 20
Creatinine (mg/dL)	0.68	0.59 - 1.04
Sodium (mmol/L)	144.01	135 - 145
Potassium (mmol/L)	4.0	3.5 - 5.1
ALT (U/L)	72.68	7 - 56
AST (U/L)	35.25	10 - 40

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