

# Medical Lab - Synthetic Blood Report

Report ID:	BR100534	Patient Name:	Meera Nair
Sex:	M	Age:	16
Report Date:	2025-08-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.0	13.5 - 17.5
RBC (10^6/μL)	4.31	4.3 - 5.9
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	418	150 - 400
Hematocrit (%)	48.05	41 - 53
MCV (fL)	81.5	80 - 100
MCH (pg)	29.53	27 - 32
MCHC (g/dL)	33.01	32 - 36
Neutrophils (%)	83.97	40 - 70
Lymphocytes (%)	27.02	20 - 40
Fasting Glucose (mg/dL)	89.6	70 - 99
Urea (mg/dL)	16.72	7 - 20
Creatinine (mg/dL)	1.06	0.74 - 1.35
Sodium (mmol/L)	100.95	135 - 145
Potassium (mmol/L)	2.82	3.5 - 5.1
ALT (U/L)	6.2	7 - 56
AST (U/L)	9.48	10 - 40

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