

# Medical Lab - Synthetic Blood Report

Report ID:	BR100777	Patient Name:	Rahul Iyer
Sex:	F	Age:	17
Report Date:	2024-11-15	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	11.97	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	3.94	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	7	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	333	150 - 400
Hematocrit (%)	45.8	36 - 46
MCV (fL)	85.37	80 - 100
MCH (pg)	25.23	27 - 32
MCHC (g/dL)	35.66	32 - 36
Neutrophils (%)	54.45	40 - 70
Lymphocytes (%)	20.27	20 - 40
Fasting Glucose (mg/dL)	118.42	70 - 99
Urea (mg/dL)	15.88	7 - 20
Creatinine (mg/dL)	0.87	0.59 - 1.04
Sodium (mmol/L)	137.63	135 - 145
Potassium (mmol/L)	4.12	3.5 - 5.1
ALT (U/L)	50.78	7 - 56
AST (U/L)	25.6	10 - 40

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