

Medical Lab - Synthetic Blood Report

Report ID:	BR100337	Patient Name:	Rahul Iyer
Sex:	F	Age:	16
Report Date:	2025-06-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.44	12.0 - 16.0
RBC (10 ⁶ /μL)	4.92	3.5 - 5.5
WBC (10 ³ /μL)	5	4.5 - 11.0
Platelets (10 ³ /μL)	388	150 - 400
Hematocrit (%)	52.32	36 - 46
MCV (fL)	85.83	80 - 100
MCH (pg)	35.12	27 - 32
MCHC (g/dL)	25.06	32 - 36
Neutrophils (%)	48.59	40 - 70
Lymphocytes (%)	37.58	20 - 40
Fasting Glucose (mg/dL)	71.76	70 - 99
Urea (mg/dL)	24.21	7 - 20
Creatinine (mg/dL)	0.43	0.59 - 1.04
Sodium (mmol/L)	186.45	135 - 145
Potassium (mmol/L)	3.16	3.5 - 5.1
ALT (U/L)	15.6	7 - 56
AST (U/L)	33.82	10 - 40

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