

Medical Lab - Synthetic Blood Report

Report ID:	BR100156	Patient Name:	Sameer Verma
Sex:	M	Age:	17
Report Date:	2025-03-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.81	13.5 - 17.5
RBC (10 ⁶ /μL)	5.1	4.3 - 5.9
WBC (10 ³ /μL)	9	4.5 - 11.0
Platelets (10 ³ /μL)	322	150 - 400
Hematocrit (%)	49.63	41 - 53
MCV (fL)	83.21	80 - 100
MCH (pg)	31.41	27 - 32
MCHC (g/dL)	26.56	32 - 36
Neutrophils (%)	50.07	40 - 70
Lymphocytes (%)	36.57	20 - 40
Fasting Glucose (mg/dL)	70.68	70 - 99
Urea (mg/dL)	6.03	7 - 20
Creatinine (mg/dL)	0.87	0.74 - 1.35
Sodium (mmol/L)	144.61	135 - 145
Potassium (mmol/L)	4.19	3.5 - 5.1
ALT (U/L)	43.43	7 - 56
AST (U/L)	35.99	10 - 40

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