

Medical Lab - Synthetic Blood Report

Report ID:	BR100956	Patient Name:	Karan Chaudhary
Sex:	M	Age:	17
Report Date:	2025-02-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.54	13.5 - 17.5
RBC (10 ⁶ /μL)	5.43	4.3 - 5.9
WBC (10 ³ /μL)	5	4.5 - 11.0
Platelets (10 ³ /μL)	293	150 - 400
Hematocrit (%)	30.86	41 - 53
MCV (fL)	90.86	80 - 100
MCH (pg)	27.9	27 - 32
MCHC (g/dL)	35.7	32 - 36
Neutrophils (%)	42.59	40 - 70
Lymphocytes (%)	20.14	20 - 40
Fasting Glucose (mg/dL)	81.26	70 - 99
Urea (mg/dL)	21.7	7 - 20
Creatinine (mg/dL)	0.96	0.74 - 1.35
Sodium (mmol/L)	144.83	135 - 145
Potassium (mmol/L)	3.89	3.5 - 5.1
ALT (U/L)	35.99	7 - 56
AST (U/L)	26.1	10 - 40

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