

# Medical Lab - Synthetic Blood Report

Report ID:	BR100565	Patient Name:	Karan Malhotra
Sex:	M	Age:	13
Report Date:	2024-12-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.13	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	5.06	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	6	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	183	150 - 400
Hematocrit (%)	46.4	41 - 53
MCV (fL)	90.3	80 - 100
MCH (pg)	30.38	27 - 32
MCHC (g/dL)	34.86	32 - 36
Neutrophils (%)	56.26	40 - 70
Lymphocytes (%)	22.7	20 - 40
Fasting Glucose (mg/dL)	92.46	70 - 99
Urea (mg/dL)	15.46	7 - 20
Creatinine (mg/dL)	0.99	0.74 - 1.35
Sodium (mmol/L)	139.2	135 - 145
Potassium (mmol/L)	4.46	3.5 - 5.1
ALT (U/L)	65.57	7 - 56
AST (U/L)	27.69	10 - 40

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