

# Medical Lab - Synthetic Blood Report

Report ID:	BR100943	Patient Name:	Rahul Kapoor
Sex:	M	Age:	19
Report Date:	2024-11-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.13	13.5 - 17.5
RBC (10^6/µL)	4.9	4.3 - 5.9
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	456	150 - 400
Hematocrit (%)	45.4	41 - 53
MCV (fL)	95.88	80 - 100
MCH (pg)	21.64	27 - 32
MCHC (g/dL)	30.77	32 - 36
Neutrophils (%)	49.99	40 - 70
Lymphocytes (%)	37.75	20 - 40
Fasting Glucose (mg/dL)	95.94	70 - 99
Urea (mg/dL)	12.51	7 - 20
Creatinine (mg/dL)	1.64	0.74 - 1.35
Sodium (mmol/L)	142.68	135 - 145
Potassium (mmol/L)	4.03	3.5 - 5.1
ALT (U/L)	33.97	7 - 56
AST (U/L)	23.66	10 - 40

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