

# Medical Lab - Synthetic Blood Report

Report ID:	BR100530	Patient Name:	Aman Kapoor
Sex:	M	Age:	17
Report Date:	2024-10-11	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	19.42	13.5 - 17.5
RBC (10^6/µL)	4.97	4.3 - 5.9
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	379	150 - 400
Hematocrit (%)	47.08	41 - 53
MCV (fL)	92.17	80 - 100
MCH (pg)	30.44	27 - 32
MCHC (g/dL)	32.4	32 - 36
Neutrophils (%)	44.44	40 - 70
Lymphocytes (%)	31.87	20 - 40
Fasting Glucose (mg/dL)	73.9	70 - 99
Urea (mg/dL)	12.94	7 - 20
Creatinine (mg/dL)	1.06	0.74 - 1.35
Sodium (mmol/L)	135.93	135 - 145
Potassium (mmol/L)	4.13	3.5 - 5.1
ALT (U/L)	51.47	7 - 56
AST (U/L)	14.19	10 - 40

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