

# Medical Lab - Synthetic Blood Report

Report ID:	BR100515	Patient Name:	Aman Kapoor
Sex:	M	Age:	33
Report Date:	2024-11-29	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.02	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	4.37	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	5	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	233	150 - 400
Hematocrit (%)	46.51	41 - 53
MCV (fL)	87.09	80 - 100
MCH (pg)	27.11	27 - 32
MCHC (g/dL)	34.65	32 - 36
Neutrophils (%)	66.02	40 - 70
Lymphocytes (%)	20.67	20 - 40
Fasting Glucose (mg/dL)	86.87	70 - 99
Urea (mg/dL)	18.59	7 - 20
Creatinine (mg/dL)	1.19	0.74 - 1.35
Sodium (mmol/L)	142.75	135 - 145
Potassium (mmol/L)	4.03	3.5 - 5.1
ALT (U/L)	7.64	7 - 56
AST (U/L)	20.55	10 - 40

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