

# Medical Lab - Synthetic Blood Report

Report ID:	BR100492	Patient Name:	Karan Kapoor
Sex:	M	Age:	59
Report Date:	2025-02-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	21.18	13.5 - 17.5
RBC (10^6/µL)	5.55	4.3 - 5.9
WBC (10^3/µL)	3	4.5 - 11.0
Platelets (10^3/µL)	371	150 - 400
Hematocrit (%)	49.54	41 - 53
MCV (fL)	95.45	80 - 100
MCH (pg)	26.24	27 - 32
MCHC (g/dL)	35.2	32 - 36
Neutrophils (%)	69.72	40 - 70
Lymphocytes (%)	33.53	20 - 40
Fasting Glucose (mg/dL)	80.6	70 - 99
Urea (mg/dL)	13.6	7 - 20
Creatinine (mg/dL)	0.89	0.74 - 1.35
Sodium (mmol/L)	135.09	135 - 145
Potassium (mmol/L)	3.72	3.5 - 5.1
ALT (U/L)	35.09	7 - 56
AST (U/L)	9.96	10 - 40

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