

# Medical Lab - Synthetic Blood Report

Report ID:	BR100740	Patient Name:	Sameer Mehta
Sex:	M	Age:	78
Report Date:	2024-11-14	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.29	13.5 - 17.5
RBC (10^6/μL)	4.54	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	397	150 - 400
Hematocrit (%)	49.99	41 - 53
MCV (fL)	87.01	80 - 100
MCH (pg)	26.07	27 - 32
MCHC (g/dL)	35.99	32 - 36
Neutrophils (%)	45.76	40 - 70
Lymphocytes (%)	38.16	20 - 40
Fasting Glucose (mg/dL)	84.19	70 - 99
Urea (mg/dL)	8.37	7 - 20
Creatinine (mg/dL)	0.9	0.74 - 1.35
Sodium (mmol/L)	137.19	135 - 145
Potassium (mmol/L)	4.59	3.5 - 5.1
ALT (U/L)	20.55	7 - 56
AST (U/L)	31.35	10 - 40

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