

Medical Lab - Synthetic Blood Report

Report ID:	BR100438	Patient Name:	Nikhil Malhotra
Sex:	M	Age:	70
Report Date:	2024-10-22	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.34	13.5 - 17.5
RBC (10^6/µL)	4.61	4.3 - 5.9
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	487	150 - 400
Hematocrit (%)	68.16	41 - 53
MCV (fL)	98.95	80 - 100
MCH (pg)	31.69	27 - 32
MCHC (g/dL)	35.89	32 - 36
Neutrophils (%)	67.65	40 - 70
Lymphocytes (%)	30.12	20 - 40
Fasting Glucose (mg/dL)	80.0	70 - 99
Urea (mg/dL)	9.01	7 - 20
Creatinine (mg/dL)	1.19	0.74 - 1.35
Sodium (mmol/L)	144.62	135 - 145
Potassium (mmol/L)	6.38	3.5 - 5.1
ALT (U/L)	28.99	7 - 56
AST (U/L)	39.94	10 - 40

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