

Medical Lab - Synthetic Blood Report

Report ID:	BR100545	Patient Name:	Rohit Nair
Sex:	M	Age:	28
Report Date:	2025-03-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.34	13.5 - 17.5
RBC (10 ⁶ /μL)	4.62	4.3 - 5.9
WBC (10 ³ /μL)	7	4.5 - 11.0
Platelets (10 ³ /μL)	515	150 - 400
Hematocrit (%)	42.19	41 - 53
MCV (fL)	80.71	80 - 100
MCH (pg)	29.26	27 - 32
MCHC (g/dL)	33.84	32 - 36
Neutrophils (%)	42.75	40 - 70
Lymphocytes (%)	21.0	20 - 40
Fasting Glucose (mg/dL)	86.54	70 - 99
Urea (mg/dL)	10.86	7 - 20
Creatinine (mg/dL)	0.7	0.74 - 1.35
Sodium (mmol/L)	143.98	135 - 145
Potassium (mmol/L)	2.82	3.5 - 5.1
ALT (U/L)	53.58	7 - 56
AST (U/L)	25.82	10 - 40

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