

Medical Lab - Synthetic Blood Report

Report ID:	BR100089	Patient Name:	Rahul Saxena
Sex:	M	Age:	47
Report Date:	2024-11-09	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.98	13.5 - 17.5
RBC (10 ⁶ /μL)	5.28	4.3 - 5.9
WBC (10 ³ /μL)	8	4.5 - 11.0
Platelets (10 ³ /μL)	375	150 - 400
Hematocrit (%)	43.4	41 - 53
MCV (fL)	90.37	80 - 100
MCH (pg)	31.74	27 - 32
MCHC (g/dL)	33.04	32 - 36
Neutrophils (%)	42.0	40 - 70
Lymphocytes (%)	31.25	20 - 40
Fasting Glucose (mg/dL)	70.0	70 - 99
Urea (mg/dL)	10.04	7 - 20
Creatinine (mg/dL)	0.81	0.74 - 1.35
Sodium (mmol/L)	136.68	135 - 145
Potassium (mmol/L)	4.43	3.5 - 5.1
ALT (U/L)	51.83	7 - 56
AST (U/L)	45.94	10 - 40

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