

# Medical Lab - Synthetic Blood Report

Report ID:	BR100977	Patient Name:	Arjun Malhotra
Sex:	M	Age:	53
Report Date:	2025-10-02	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.16	13.5 - 17.5
RBC (10^6/ $\mu$ L)	5.61	4.3 - 5.9
WBC (10^3/ $\mu$ L)	7	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	276	150 - 400
Hematocrit (%)	42.17	41 - 53
MCV (fL)	94.95	80 - 100
MCH (pg)	28.04	27 - 32
MCHC (g/dL)	32.01	32 - 36
Neutrophils (%)	57.35	40 - 70
Lymphocytes (%)	32.47	20 - 40
Fasting Glucose (mg/dL)	81.77	70 - 99
Urea (mg/dL)	9.75	7 - 20
Creatinine (mg/dL)	0.87	0.74 - 1.35
Sodium (mmol/L)	138.49	135 - 145
Potassium (mmol/L)	4.38	3.5 - 5.1
ALT (U/L)	28.02	7 - 56
AST (U/L)	22.48	10 - 40

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