

# Medical Lab - Synthetic Blood Report

Report ID:	BR100651	Patient Name:	Rohit Malhotra
Sex:	F	Age:	57
Report Date:	2025-09-02	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.05	12.0 - 16.0
RBC (10^6/ $\mu$ L)	3.97	3.5 - 5.5
WBC (10^3/ $\mu$ L)	8	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	127	150 - 400
Hematocrit (%)	41.01	36 - 46
MCV (fL)	86.13	80 - 100
MCH (pg)	30.2	27 - 32
MCHC (g/dL)	34.34	32 - 36
Neutrophils (%)	45.59	40 - 70
Lymphocytes (%)	39.43	20 - 40
Fasting Glucose (mg/dL)	70.93	70 - 99
Urea (mg/dL)	11.6	7 - 20
Creatinine (mg/dL)	0.76	0.59 - 1.04
Sodium (mmol/L)	143.15	135 - 145
Potassium (mmol/L)	4.39	3.5 - 5.1
ALT (U/L)	18.11	7 - 56
AST (U/L)	26.7	10 - 40

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