

# Medical Lab - Synthetic Blood Report

Report ID:	BR100640	Patient Name:	Rahul Malhotra
Sex:	F	Age:	29
Report Date:	2024-12-04	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.8	12.0 - 16.0
RBC (10^6/μL)	7.08	3.5 - 5.5
WBC (10^3/μL)	10	4.5 - 11.0
Platelets (10^3/μL)	312	150 - 400
Hematocrit (%)	45.74	36 - 46
MCV (fL)	81.35	80 - 100
MCH (pg)	30.52	27 - 32
MCHC (g/dL)	34.13	32 - 36
Neutrophils (%)	67.05	40 - 70
Lymphocytes (%)	29.02	20 - 40
Fasting Glucose (mg/dL)	82.04	70 - 99
Urea (mg/dL)	5.27	7 - 20
Creatinine (mg/dL)	0.42	0.59 - 1.04
Sodium (mmol/L)	144.02	135 - 145
Potassium (mmol/L)	2.82	3.5 - 5.1
ALT (U/L)	30.19	7 - 56
AST (U/L)	21.66	10 - 40

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