

# Medical Lab - Synthetic Blood Report

Report ID:	BR100154	Patient Name:	Nikhil Mehta
Sex:	F	Age:	38
Report Date:	2024-12-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.4	12.0 - 16.0
RBC (10^6/µL)	5.05	3.5 - 5.5
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	163	150 - 400
Hematocrit (%)	29.16	36 - 46
MCV (fL)	61.2	80 - 100
MCH (pg)	31.1	27 - 32
MCHC (g/dL)	32.27	32 - 36
Neutrophils (%)	60.28	40 - 70
Lymphocytes (%)	17.13	20 - 40
Fasting Glucose (mg/dL)	71.04	70 - 99
Urea (mg/dL)	11.76	7 - 20
Creatinine (mg/dL)	1.03	0.59 - 1.04
Sodium (mmol/L)	136.68	135 - 145
Potassium (mmol/L)	4.63	3.5 - 5.1
ALT (U/L)	20.71	7 - 56
AST (U/L)	22.43	10 - 40

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