

# Medical Lab - Synthetic Blood Report

Report ID:	BR100379	Patient Name:	Amit Khan
Sex:	F	Age:	35
Report Date:	2024-11-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.06	12.0 - 16.0
RBC (10^6/μL)	3.81	3.5 - 5.5
WBC (10^3/μL)	13	4.5 - 11.0
Platelets (10^3/μL)	124	150 - 400
Hematocrit (%)	39.35	36 - 46
MCV (fL)	99.92	80 - 100
MCH (pg)	31.63	27 - 32
MCHC (g/dL)	35.24	32 - 36
Neutrophils (%)	42.9	40 - 70
Lymphocytes (%)	20.34	20 - 40
Fasting Glucose (mg/dL)	89.77	70 - 99
Urea (mg/dL)	11.2	7 - 20
Creatinine (mg/dL)	1.25	0.59 - 1.04
Sodium (mmol/L)	143.61	135 - 145
Potassium (mmol/L)	4.98	3.5 - 5.1
ALT (U/L)	50.59	7 - 56
AST (U/L)	33.55	10 - 40

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