

Medical Lab - Synthetic Blood Report

Report ID:	BR100789	Patient Name:	Sameer Patel
Sex:	F	Age:	32
Report Date:	2024-11-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.88	12.0 - 16.0
RBC (10 ⁶ /μL)	6.69	3.5 - 5.5
WBC (10 ³ /μL)	5	4.5 - 11.0
Platelets (10 ³ /μL)	214	150 - 400
Hematocrit (%)	37.75	36 - 46
MCV (fL)	82.99	80 - 100
MCH (pg)	30.71	27 - 32
MCHC (g/dL)	33.26	32 - 36
Neutrophils (%)	45.14	40 - 70
Lymphocytes (%)	49.39	20 - 40
Fasting Glucose (mg/dL)	75.02	70 - 99
Urea (mg/dL)	24.73	7 - 20
Creatinine (mg/dL)	0.89	0.59 - 1.04
Sodium (mmol/L)	142.04	135 - 145
Potassium (mmol/L)	3.87	3.5 - 5.1
ALT (U/L)	20.28	7 - 56
AST (U/L)	32.43	10 - 40

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