

Medical Lab - Synthetic Blood Report

Report ID:	BR100781	Patient Name:	Nikhil Khan
Sex:	M	Age:	29
Report Date:	2024-10-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.46	13.5 - 17.5
RBC (10^6/μL)	5.42	4.3 - 5.9
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	450	150 - 400
Hematocrit (%)	42.35	41 - 53
MCV (fL)	97.11	80 - 100
MCH (pg)	28.32	27 - 32
MCHC (g/dL)	35.35	32 - 36
Neutrophils (%)	67.16	40 - 70
Lymphocytes (%)	29.55	20 - 40
Fasting Glucose (mg/dL)	79.19	70 - 99
Urea (mg/dL)	11.43	7 - 20
Creatinine (mg/dL)	0.89	0.74 - 1.35
Sodium (mmol/L)	139.04	135 - 145
Potassium (mmol/L)	4.51	3.5 - 5.1
ALT (U/L)	7.08	7 - 56
AST (U/L)	39.17	10 - 40

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