

Medical Lab - Synthetic Blood Report

Report ID:	BR100042	Patient Name:	Rohit Jain
Sex:	M	Age:	16
Report Date:	2024-12-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.96	13.5 - 17.5
RBC (10 ⁶ /μL)	4.35	4.3 - 5.9
WBC (10 ³ /μL)	9	4.5 - 11.0
Platelets (10 ³ /μL)	159	150 - 400
Hematocrit (%)	47.05	41 - 53
MCV (fL)	81.77	80 - 100
MCH (pg)	28.83	27 - 32
MCHC (g/dL)	32.94	32 - 36
Neutrophils (%)	59.75	40 - 70
Lymphocytes (%)	14.53	20 - 40
Fasting Glucose (mg/dL)	92.79	70 - 99
Urea (mg/dL)	6.29	7 - 20
Creatinine (mg/dL)	0.56	0.74 - 1.35
Sodium (mmol/L)	137.48	135 - 145
Potassium (mmol/L)	3.76	3.5 - 5.1
ALT (U/L)	40.04	7 - 56
AST (U/L)	15.23	10 - 40

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