

Medical Lab - Synthetic Blood Report

Report ID:	BR100503	Patient Name:	Aman Iyer
Sex:	M	Age:	30
Report Date:	2024-12-31	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.51	13.5 - 17.5
RBC (10 ⁶ /μL)	5.2	4.3 - 5.9
WBC (10 ³ /μL)	7	4.5 - 11.0
Platelets (10 ³ /μL)	335	150 - 400
Hematocrit (%)	47.88	41 - 53
MCV (fL)	89.44	80 - 100
MCH (pg)	27.3	27 - 32
MCHC (g/dL)	34.98	32 - 36
Neutrophils (%)	63.77	40 - 70
Lymphocytes (%)	28.73	20 - 40
Fasting Glucose (mg/dL)	80.5	70 - 99
Urea (mg/dL)	9.82	7 - 20
Creatinine (mg/dL)	1.26	0.74 - 1.35
Sodium (mmol/L)	141.24	135 - 145
Potassium (mmol/L)	3.63	3.5 - 5.1
ALT (U/L)	37.04	7 - 56
AST (U/L)	11.4	10 - 40

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