

Medical Lab - Synthetic Blood Report

Report ID:	BR100679	Patient Name:	Aman Iyer
Sex:	M	Age:	48
Report Date:	2025-06-05	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.12	13.5 - 17.5
RBC (10 ⁶ /μL)	5.6	4.3 - 5.9
WBC (10 ³ /μL)	8	4.5 - 11.0
Platelets (10 ³ /μL)	326	150 - 400
Hematocrit (%)	51.71	41 - 53
MCV (fL)	82.18	80 - 100
MCH (pg)	29.87	27 - 32
MCHC (g/dL)	35.79	32 - 36
Neutrophils (%)	42.0	40 - 70
Lymphocytes (%)	38.07	20 - 40
Fasting Glucose (mg/dL)	76.5	70 - 99
Urea (mg/dL)	14.05	7 - 20
Creatinine (mg/dL)	0.75	0.74 - 1.35
Sodium (mmol/L)	138.15	135 - 145
Potassium (mmol/L)	2.51	3.5 - 5.1
ALT (U/L)	30.86	7 - 56
AST (U/L)	22.37	10 - 40

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