

Medical Lab - Synthetic Blood Report

Report ID:	BR100141	Patient Name:	Arjun Singh
Sex:	M	Age:	42
Report Date:	2024-11-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.17	13.5 - 17.5
RBC (10 ⁶ /μL)	5.77	4.3 - 5.9
WBC (10 ³ /μL)	8	4.5 - 11.0
Platelets (10 ³ /μL)	308	150 - 400
Hematocrit (%)	51.54	41 - 53
MCV (fL)	98.28	80 - 100
MCH (pg)	28.9	27 - 32
MCHC (g/dL)	32.93	32 - 36
Neutrophils (%)	53.42	40 - 70
Lymphocytes (%)	20.6	20 - 40
Fasting Glucose (mg/dL)	99.54	70 - 99
Urea (mg/dL)	9.69	7 - 20
Creatinine (mg/dL)	1.71	0.74 - 1.35
Sodium (mmol/L)	144.5	135 - 145
Potassium (mmol/L)	4.79	3.5 - 5.1
ALT (U/L)	6.45	7 - 56
AST (U/L)	8.45	10 - 40

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