

# Medical Lab - Synthetic Blood Report

Report ID:	BR100852	Patient Name:	Arjun Khan
Sex:	M	Age:	54
Report Date:	2024-10-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.1	13.5 - 17.5
RBC (10^6/µL)	6.18	4.3 - 5.9
WBC (10^3/µL)	11	4.5 - 11.0
Platelets (10^3/µL)	195	150 - 400
Hematocrit (%)	42.96	41 - 53
MCV (fL)	98.49	80 - 100
MCH (pg)	29.67	27 - 32
MCHC (g/dL)	32.02	32 - 36
Neutrophils (%)	45.09	40 - 70
Lymphocytes (%)	41.35	20 - 40
Fasting Glucose (mg/dL)	87.73	70 - 99
Urea (mg/dL)	17.6	7 - 20
Creatinine (mg/dL)	0.74	0.74 - 1.35
Sodium (mmol/L)	140.89	135 - 145
Potassium (mmol/L)	5.07	3.5 - 5.1
ALT (U/L)	29.17	7 - 56
AST (U/L)	30.43	10 - 40

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