

Medical Lab - Synthetic Blood Report

Report ID:	BR100179	Patient Name:	Karan Desai
Sex:	M	Age:	66
Report Date:	2024-11-02	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.11	13.5 - 17.5
RBC (10^6/µL)	4.67	4.3 - 5.9
WBC (10^3/µL)	4	4.5 - 11.0
Platelets (10^3/µL)	154	150 - 400
Hematocrit (%)	46.93	41 - 53
MCV (fL)	99.06	80 - 100
MCH (pg)	19.67	27 - 32
MCHC (g/dL)	34.42	32 - 36
Neutrophils (%)	71.44	40 - 70
Lymphocytes (%)	51.77	20 - 40
Fasting Glucose (mg/dL)	98.59	70 - 99
Urea (mg/dL)	20.0	7 - 20
Creatinine (mg/dL)	0.86	0.74 - 1.35
Sodium (mmol/L)	139.08	135 - 145
Potassium (mmol/L)	4.55	3.5 - 5.1
ALT (U/L)	14.63	7 - 56
AST (U/L)	8.25	10 - 40

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