

# Medical Lab - Synthetic Blood Report

Report ID:	BR100208	Patient Name:	Isha Desai
Sex:	F	Age:	51
Report Date:	2025-10-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.52	12.0 - 16.0
RBC (10^6/μL)	4.06	3.5 - 5.5
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	165	150 - 400
Hematocrit (%)	42.75	36 - 46
MCV (fL)	61.65	80 - 100
MCH (pg)	29.89	27 - 32
MCHC (g/dL)	33.28	32 - 36
Neutrophils (%)	71.52	40 - 70
Lymphocytes (%)	17.27	20 - 40
Fasting Glucose (mg/dL)	78.94	70 - 99
Urea (mg/dL)	5.83	7 - 20
Creatinine (mg/dL)	1.3	0.59 - 1.04
Sodium (mmol/L)	139.15	135 - 145
Potassium (mmol/L)	3.67	3.5 - 5.1
ALT (U/L)	36.85	7 - 56
AST (U/L)	32.32	10 - 40

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