

# Medical Lab - Synthetic Blood Report

Report ID:	BR100453	Patient Name:	Sameer Desai
Sex:	F	Age:	2
Report Date:	2025-02-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	11.6	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	5.46	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	10	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	111	150 - 400
Hematocrit (%)	39.17	36 - 46
MCV (fL)	94.7	80 - 100
MCH (pg)	28.3	27 - 32
MCHC (g/dL)	32.16	32 - 36
Neutrophils (%)	44.53	40 - 70
Lymphocytes (%)	25.85	20 - 40
Fasting Glucose (mg/dL)	80.73	70 - 99
Urea (mg/dL)	8.11	7 - 20
Creatinine (mg/dL)	0.94	0.59 - 1.04
Sodium (mmol/L)	144.34	135 - 145
Potassium (mmol/L)	5.94	3.5 - 5.1
ALT (U/L)	45.64	7 - 56
AST (U/L)	15.94	10 - 40

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