

# Medical Lab - Synthetic Blood Report

Report ID:	BR100036	Patient Name:	Kavya Bose
Sex:	F	Age:	38
Report Date:	2024-12-27	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.45	12.0 - 16.0
RBC (10^6/µL)	4.54	3.5 - 5.5
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	329	150 - 400
Hematocrit (%)	42.03	36 - 46
MCV (fL)	92.13	80 - 100
MCH (pg)	31.11	27 - 32
MCHC (g/dL)	35.38	32 - 36
Neutrophils (%)	69.25	40 - 70
Lymphocytes (%)	23.91	20 - 40
Fasting Glucose (mg/dL)	78.38	70 - 99
Urea (mg/dL)	5.81	7 - 20
Creatinine (mg/dL)	0.7	0.59 - 1.04
Sodium (mmol/L)	139.4	135 - 145
Potassium (mmol/L)	4.61	3.5 - 5.1
ALT (U/L)	9.22	7 - 56
AST (U/L)	32.86	10 - 40

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