

COMPLETE BLOOD COUNT (CBC) - Abnormal (Microcytic Anemia)

Patient Name: Priya Verma  
Patient ID: PV20250918-02  
Date of Birth: 2002-11-05  
Report Date: 2025-09-18  
Ref Lab: City Health Labs

RESULTS:

Test	Result	Unit	Reference Range
Hemoglobin (Hb)	9.2	g/dL	12.0 - 15.5
RBC	3.8	$\times 10^6/\mu\text{L}$	3.8 - 5.2
WBC	7.4	$\times 10^3/\mu\text{L}$	4.0 - 11.0
Platelets	310	$\times 10^3/\mu\text{L}$	150 - 450
MCV	72	fL	80 - 100
MCH	24.0	pg	27 - 34
MCHC	33.3	g/dL	32 - 36

INTERPRETATION / SUMMARY:

Low hemoglobin with low MCV and low MCH suggest microcytic hypochromic anemia – commonly due to iron deficiency. Recommend iron studies and clinician follow-up.

MACHINE-READABLE DATA:

`{"Hb":9.2,"RBC":3.8,"WBC":7.4,"Platelets":310,"MCV":72,"MCH":24.0,"MCHC":33.3}`