

# COMPLETE BLOOD COUNT REPORT

Patient:	Maria Garcia	DOB:	03/22/1975
MRN:	87654321	Date:	2024-01-20
Lab ID:	LAB2024-001	Time:	08:00 AM

## COMPLETE BLOOD COUNT:

Test	Result	Reference Range	Flag
White Blood Cell Count	12,500 / $\mu$ L	4,000-11,000	HIGH
Red Blood Cell Count	3.8 million/ $\mu$ L	4.2-5.4	LOW
Hemoglobin	8.5 g/dL	12.0-16.0	LOW
Hematocrit	25.2%	36-46%	LOW
Platelet Count	180,000 / $\mu$ L	150,000-400,000	NORMAL

## ■■ CRITICAL VALUES:

- Severe anemia (Hgb 8.5 g/dL)
- Leukocytosis (WBC 12,500)

## INTERPRETATION:

Severe microcytic anemia with leukocytosis. Findings suggest iron deficiency anemia with possible concurrent infection or inflammation.