

Patient ID SA00159227	Patient Name ATLAS TESTING, CLLMD ABNORMAL	Birth Date 1975-01-26	Sex F	Age 48
Order Number SA00159227	Client Order Number SA00159227	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 28 Mar 2023 06:15		

CLL Monitoring MRD Detection, V

Final Diagnosis

MCR

Peripheral blood, flow cytometric immunophenotyping:

A CD5-positive, kappa light chain-restricted B-cell population is detected. MRD = 0.12%.

Comment:

Minimal residual disease (MRD) analysis is intended to detect small residual populations of chronic lymphocytic leukemia (CLL) cells following treatment. This CLL MRD assay is validated to a sensitivity level of 0.002%. Previous therapy targeting cell surface antigen(s) can interfere with this assay's performance. Correlation with clinical features and other laboratory findings is necessary. Contact the signing pathologist at 1-800-533-1710 if there are questions about this analysis.

Reviewed by: SHANDA VOELTZ

Special Studies

MCR

WBC: 10.0 x 10(9)/L

%Lymphs (CBC/automated differential): 50%

#Lymphs (CBC/automated differential): 5.0 x 10(9)/L

Results:

B-cells: Monotypic kappa

Express: CD19, CD22, CD5, CD43, CD200.

Do not express: CD20, CD38.

MRD analysis: 70% gated lymphoid events; 0.12% total analyzed events

B-cell markers tested: CLL MRD: CD19, CD20, CD5, CD22, CD38, CD43, CD45, CD200, and kappa and lambda immunoglobulin light chains

Microscopic Description

1 MCR

A slide review not performed.

CLLMD Result

MCR

Performed

Received: 28 Mar 2023 09:12

Reported: 28 Mar 2023 09:29

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292