



Patient ID SA00141724	Patient Name ATLAS REPORT, ABNORMAL	Birth Date 1990-01-01	Gender F	Age 31
Order Number SA00141724	Client Order Number SA00141724	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 21 Jan 2021 08:00		

Leukemia Lymphoma Phenotype, Tissue

Final Diagnosis:

MCR

Spleen, specimen for flow cytometric analysis (20–123456):

CD19, CD20, and CD10-positive, kappa immunoglobulin light chain restricted B-cell population identified.

Comment:

The findings are most consistent with the diagnosis of a B-cell lymphoma. The most frequent types of lymphoma with a CD10-positive B-cell phenotype include follicular lymphoma, diffuse large B-cell lymphoma, Burkitt lymphoma, and high grade B-cell lymphoma. Correlation with clinical and morphologic features, possibly supplemented by immunohistochemistry and cytogenetic analysis, is required for a final diagnosis.

Reviewed by: SHANDA VOELTZ

Special Studies

MCR

Results:

Blasts: Not increased by CD45/side scatter.

B-cells: Monotypic kappa

Express: CD19, CD20, CD10, CD23 (partial). Do not express: CD5. Estimated size: 32% gated lymphoid events; 32% total analyzed events

B-cell markers tested: Tissue panel: CD5, CD10, CD19, CD20, CD23, CD45 and kappa and lambda surface light chains.

T-cells/NK-cells: No aberrant phenotype by CD3, CD5, CD7, and CD10.

Viability: Acceptable

Viable lymphocytes (7-AAD): 99%

Quality Assessment: Specimen received within validated guidelines.

Microscopic Description

1 MCR

A Wright-Giemsa stained slide prepared from the flow cytometry specimen was examined for quality purposes.

LLPT Result

MCR

Performed

Received: 21 Jan 2021 15:10

Reported: 25 Jan 2021 08:50

Laboratory Notes

- 1 This test was developed using an analyte specific reagent. Its performance characteristics were 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