MAYO CLINIC LABORATORIES

1-800-533-1710

HLLFH

Hematologic Disorders, Leukemia/Lymphoma; Flow Hold, Varies

Patient ID	Patient Name		Birth Date	Gender	Age
SA00141387	ATLAS REPORT, ABNORMAL		1990-01-01	F	31
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00141387	SA00141387	CLIENT,CLIENT			
Account Information		**Collected**			
C7028846 DLMP Rochester		12 Jan 2021 08:00			

Heme Leukemia/Lymphoma; Flow Hold V

Final Diagnosis

MCR

Bone marrow, flow cytometric immunophenotyping:
Increased myeloid lineage blasts 5%.

Comment: Although the proportion of blasts may technically satisfy the current WHO criteria for the diagnosis of acute myeloid leukemia, blast cell percentages estimated by flow cytometry are affected by specimen processing and gating and, therefore, may differ significantly from those estimated by morphologic review.

Correlation of the flow cytometry results with the bone marrow aspirate and biopsy findings, clinical history and other laboratory features is required for a definitive diagnosis. If desired, we can provide diagnostic services as part of a hematopathology consultation. Please contact the signing pathologist at 1–800–533–1710 if you have further questions regarding these analyses.

Reviewed by: SHANDA VOELTZ

Special Studies

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%Lymphs: 10%

Results:
Blasts: Increased
Express: CD34, CD13, CD33, CD117 (partial), HLA-DR.
Do not express: CD19, CD10, CD45.
Estimated size (by SSC/CD45): 5%

B-cells: No monotypic; normal expression pattern of CD19, CD10, surface kappa and lambda.

T-cells/NK-cells: No aberrant phenotype by CD3 and CD16.

Quality assessment: Specimen received within validated guidelines.

Microscopic Description

[1] MCR

A submitted Wright-Giemsa slide and a Wright-Giemsa-stained slide prepared from the flow cytometry specimen are examined.

Flow Cytometry Testing

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Performed

Received: 12 Jan 2021 13:15 **Reported:** 12 Jan 2021 14:53

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