

Myelodysplastic Syndrome by Flow Cytometry, Bone Marrow

Patient ID SA00141377	Patient Name ATLAS REPORT, NORMAL	Birth Date 2000-01-01	Gender M	Age 21
Order Number SA00141377	Client Order Number SA00141377	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 12 Jan 2021 07:00		

MDS by Flow Cytometry, BM

Final Diagnosis

MCR

Bone marrow, flow cytometric immunophenotyping:

Normal immunophenotyping results. No monotypic B-cells, increase in blasts or aberrant pattern of myeloid maturation identified.

Comment:

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: Not increased by CD45/side scatter and CD34.

Myeloid maturation:

HLA-DR/CD13 pattern on blasts: Normal CD13/CD16 pattern on maturing granulocytes: Normal CD2/CD7/CD56 expression on blasts: Normal (no expression)

Additional markers tested: CD15, CD33, CD36, CD38, CD64, CD117.

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

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

MDS Panel

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Performed

Received: 12 Jan 2021 13:12

Reported: 12 Jan 2021 14:31

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