

**Myelodysplastic Syndrome by Flow Cytometry,
Bone Marrow**

Patient ID SA00002946	Patient Name ENHANCEDREP, VLD20150821A0015	Birth Date 1981-01-01	Gender M	Age 34
Order Number SA00002946	Client Order Number SA00002946	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 20 Aug 2015 12:09		

MDS by Flow Cytometry, BM

Final Diagnosis
1 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: RYAN RITZER 8/24/2015 11:19 AM

Special Studies
MCR

%Lymphs: 10%

Results:

Blasts: Not increased by CD45/side scatter and CD34.

Myeloid maturation:

CD13/CD16 pattern on maturing granulocytes: Normal HLA-DR/CD13 pattern on blasts: 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
MCR

Performed

Received: 21 Aug 2015 13:41

Reported: 24 Aug 2015 11:19

Laboratory Notes

- 1** Analyte Specific Reagent: This test was developed and its performance characteristics determined by Mayo Clinic. It 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