

Laboratory Service Report

1-800-533-1710

Patient Name REPORTVALIDATION, AUTOMATION D	Patient ID RVDMOHB031	Age 40	Gender F	Order # RVDMOHB031
Ordering Phys		DOB 01/01/19)71	
Client Order # RVDMOHB031	Account Information			Report Notes
Collected 09/01/2011 09:07	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE			
Printed 09/02/2011 07:04	ROCHESTER,MN 55901			

Test Flag Results Unit Value Site*

PML/RARA Quantitative, PCR

Peripheral blood

REPORTED 09/01/2011 11:45 MCR

MCR

Specimen Type Final Diagnosis

Peripheral blood, PML/RARA mRNA analysis:

Positive. PML/RARA mRNA transcripts were detected and estimated to represent 1.3%. This value represents a ratio of fusion transcript to the control gene GUSB, expressed as a percentage.

Signing Pathologist: Carey Lueck
Method Summary - PML/RARA: PML/RARA mRNA level was
evaluated using quantitative, reverse transcription PCR.
(see Mayo Medical Laboratories Interpretive Handbook for
method details).

The reproducibility of this assay is such that significant changes in result status during monitoring (e.g. change from negativity to positivity) should be verified with a subsequent specimen. Typical clinical samples have detection limits ranging from 0.1 to 0.001% PML/RARA:GUSB. At diagnosis, most acute promyelocytic leukemia patients have a ratio of PML/RARA:GUSB close to 100%. Laboratory developed test.

* Performing Site:

MCR Mayo Clinic Dpt of Lab Med & Pathology 200 First St SW Rochester, MN 55905 Lab Director: Franklin R. Cockerill, III, M.D.

Patient Name	Collection Date and Time	Report Status
REPORTVALIDATION, AUTOMATION D	09/01/2011 09:07	Final
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^{*} Report times for Mayo performed tests are CST/CDT