



1-800-533-1710

PML/RARA Quantitative, PCR

PMLR

PATIENT NAME RNVTESTING, INTERFACE				ORDER NUMBER P903000198
PATIENT ID SA00177532	DATE OF BIRTH 01/01/2001	AGE 24 Y	SEX Female	REQUESTED BY CLIENT CLIENT
COLLECTED 10/3/2025, 12:00 AM	RECEIVED 10/3/2025, 12:21 PM	REPORTED 10/3/2025, 12:25 PM		
The collected, received, and reported dates and times on the report are in the time zone of the performing location. 7028846 MCL RochesterCampus Rochester MN 55901				CLIENT ORDER NUMBER SA00177532 CLIENT MRN SA00177532

PMLR Result	see interpretation
Specimen Type	Peripheral blood
INTERPRETATION	
Peripheral blood, PML/RARA mRNA analysis:	
Positive. PML/RARA mRNA transcripts were detected and estimated to represent 0.52%. This is a copy number ratio of PML-RARA transcript to ABL1 control gene transcript.	
Method Summary: PML/RARA mRNA level was evaluated using quantitative, reverse transcription PCR. The analytical sensitivity of this assay has been determined at 0.01% (PML/RARA:ABL1).	
This test can be used at diagnosis to confirm the presence of the t(15;17) PML/RARA fusion in patients with acute promyelocytic leukemia (APL) and for minimal residual disease monitoring after treatment. This assay will only detect PML/RARA mRNA specifically and will not detect mRNA from rare non-PML alternative RARA fusion genes (e.g. ZBTB16 (PLZF), NUMA1, NPM1, or STAT5B).	
The reproducibility of this assay is such that results within 0.5 log should be considered equivalent. Significant changes in result status during monitoring including change from negativity to positivity should be verified with a subsequent specimen.	
Signing Pathologist: LAUREN SCHULTZ	

DISCLAIMER
This test was developed and its performance characteristics 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.



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