



Patient ID SA00140870	Patient Name TESTINGRNV, CALRPOS	Birth Date 1993-10-18	Gender M	Age 27
Order Number SA00140870	Client Order Number SA00140870	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 11 Dec 2020 00:00		

MPN, CALR Gene Mutation, Exon 9

Specimen

Peripheral blood

MCR

thrombocytosis (13%), myelodysplastic syndrome (8%), chronic myelomonocytic leukemia (3%) or atypical chronic myeloid leukemia (3%). Correlation with clinical and pathologic findings is required for a definitive diagnosis.

Final Diagnosis

1 MCR

Peripheral blood, CALR mutation analysis, exon 9:

Positive. A 52 bp deletion-type mutation was detected in CALR , exon 9.

Comment: CALR mutation is identified in approximately 49–88% of JAK2 and MPL- wild type essential thrombocythemia (ET) and primary myelofibrosis (PMF) patients, and at significantly lower frequencies in other myeloid neoplasms such as refractory anemia with ringed sideroblasts associated with marked

Signing Pathologist: COLE ASPROS

ADDITIONAL INFORMATION

Exon 9 of CALR was amplified from genomic DNA by polymerase chain reaction (PCR). The size of the PCR product was analyzed by capillary electrophoresis. The analytic sensitivity of this assay is approximately 6% for the majority of CALR mutations and is approximately 20% for the rare type 1-bp deletion.

Received: 14 Dec 2020 13:20

Reported: 14 Dec 2020 13:28

Laboratory Notes

- 1 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.

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