

Patient ID SA00123353	Patient Name VALIDATIONSOF, TESTINGMO	Birth Date 1993-10-18	Gender M	Age 25
Order Number SA00123353	Client Order Number SA00123353	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 07 Oct 2019 14:03		

MPL Exon 10 Mutation Detection, V

Specimen Type

Peripheral blood

MCR

Interpretation

Peripheral blood, MPL exon 10 mutation analysis:

1 MCR

Negative. No pathogenic genetic alteration was detected in MPL , exon 10.

A negative test result does not exclude the possibility of a myeloproliferative neoplasm (MPN). If clinical suspicion is high for primary myelofibrosis (PMF) or essential thrombocythemia (ET), consider additional testing of JAK2 V617F Mutation Detection (Test ID: JAK2B, JAK2M, or JAK2V). With a negative JAK2 V617F test result, CALR Mutational Analysis (Test ID: CALR) is recommended. If clinical suspicion is high for polycythemia vera, consider additional testing of JAK2 V617F Mutation Detection

(Test ID: JAK2B, JAK2M, or JAK2V) and if negative, then consider the test JAK2 Exon 12 and Other Non-V617F Mutational Detection (Test ID: JAKXB or JAKXM). Clinicopathologic correlation is recommended for a definitive diagnosis.

ADDITIONAL INFORMATION

Method Summary: Genomic DNA is extracted and PCR followed by Sanger sequencing is performed to evaluate for mutations in MPL, exon 10. The sensitivity of this assay is approximately 20%, such that samples containing lower percentages of mutated DNA may not be detected. The reference transcript used for variant annotation is: GRCh37(hg19)NM_005373.2.

Signing Pathologist

COLE ASPROS

MCR

Received: 08 Oct 2019 14:09

Reported: 08 Oct 2019 14:17

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