



Patient ID SA00078434	Patient Name TESTINGRNV, REPORT	Birth Date 1999-11-11	Gender M	Age 16
Order Number SA00078434	Client Order Number SA00078434	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 30 Aug 2016 06:00		

JAK2 V617F Mutation Detection, B

JAK2 Result

see interpretation

MCR

high for polycythemia vera, the test JAK2 Exon 12 and Other Non-V617F Mutational Detection (test ID: JAKXB or JAKXM) could be considered. Clinicopathologic correlation is recommended for a definitive diagnosis.

Signing Pathologist: Melissa Tricker-Klar

ADDITIONAL INFORMATION

Method summary - JAK2 V617F analysis: Quantitative, allele-specific polymerase chain reaction (PCR) assay was performed using extracted genomic DNA to evaluate for the point mutation causing JAK2 V617F. The analytic sensitivity of this assay has been determined at 0.06% (see Mayo Clinic Laboratories Interpretive Handbook for method details).

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JAK2 V617F Mutation Detection, B

1 MCR

Peripheral blood, JAK2 V617F mutation analysis:

Negative for JAK2 V617F.

A negative JAK2V617F 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 for CALR Mutational Analysis (test ID: CALR), followed by MPL Exon 10 Mutational Detection (test ID: MPLB, MPLM, or MPLVA), if both JAK2V617F and CALR tests are negative. If clinical suspicion is

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