



Patient ID SA00100536	Patient Name TESTINGRNV, REPORT	Birth Date 1999-11-11	Gender M	Age 17
Order Number SA00100536	Client Order Number SA00100536	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 08 Nov 2017 06:00		

JAK2 V617F Mutation Detection, V

JAK2 Result

see interpretation

MCR

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.

JAK2 V617F Mutation Detection, V

1 MCR

Extracted DNA from peripheral blood, JAK2 V617F mutation analysis:

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).

Negative for JAK2 V617F.

A negative JAK2 V617F 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 with reflex to MPL (test ID: MPNCM). If clinical suspicion is high for

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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