

Patient Name SAMPLEREPORT,JAK2B	Patient ID SA00067484	Age 47	Gender F	Order # SA00067484
Ordering Phys CLIENT,CLIENT				DOB 06/10/1966
Client Order # SA00067484	Account Information			Report Notes
Collected 05/14/2014 00:00	C7028846-DLMP Rochester SDSC 2 - Client Support			
Printed 05/15/2014 14:46	Rochester, MN 55901			

Test	Flag Results	Unit	Reference Value	Perform Site*
JAK2 V617F Mutation Detection, B				MCR
Peripheral blood, JAK2 V617F mutation analysis:				
Negative for JAK2 V617F.				
<p>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 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.</p>				
<p>Signing Pathologist: Melissa Tricker-Klar 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 0.01% (see Mayo Medical Laboratories Interpretive Handbook for method details). Laboratory developed test. PDF Report available at: https://test.mmlaccess.com/Reports/C7028846-8nYccTrYvc.ashx</p>				

RECEIVED: 05/15/2014 10:13 **REPORTED:** 05/15/2014 12:35

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:
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Patient Name SAMPLEREPORT,JAK2B	Collection Date and Time 05/14/2014 00:00	Report Status Final
Page 1 of 1		** End of Report **

* Report times for Mayo performed tests are CST/CDT

SAMPLEREPORT, JAK2B

MEDICAL RECORD # (PATIENT ID) SA00067484

DOB	06/10/1966	CLIENT ID/WARD	7028846	ORDER #	C215000225
SEX	Female	CLIENT/NAME WARD	DLMP Rochester	CLIENT ORDER #	SA00067484
CLIENT MRN	SA00067484	CITY, ST, ZIP	Rochester	DATE COLLECTED	5/14/2014 12:00 AM
REQUESTED BY	CLIENT CLIENT		MN 55901	DATE RECEIVED	5/15/2014 10:13 AM
				DATE REPORTED	5/15/2014 12:35 PM

JAK2 V617F Mutation Detection, B

Interpretation

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 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

Method:

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 0.01% (see Mayo Medical Laboratories Interpretive Handbook for method details).

Disclaimer:

Laboratory developed test.

Site ID: C7028846

Accession Number: SA00067484

FileName: SA00067484-7WKfNO+py219z9P11FbYyScxq2FR0Lz2gYo_tJABi9nxMINer6Qv9MdozwDIuQyJ4Of
+IMXP3imuXVLI48iQg==.pdf

Reported Date & Time: 05/15/14 12:38

Test Name: JAK2 V617F Mutation Detection, B

Result Name: JAK2 V617F Mutation Detection, B