

Laboratory Service Report

1-800-533-1710

Patient Name TESTINGRNV,RAF1	Patient ID SA00064195	Age 33	Gender F	Order # SA00064195
Ordering Phys CLIENT,CLIENT				DOB 01/21/1980
Client Order # SA00064195	Account Information			Report Notes
Collected 11/06/2013 09:55	C7028846-DLMP Rochester SDSC 2 - Client Support Rochester, MN 55901			
Printed 11/26/2013 13:02				

Perform Reference Test Flag Results Unit Value Site*

RAF1, Full Gene Sequence, B

RECEIVED: 11/07/2013 12:45 **REPORTED:** 11/07/2013 15:44

RAF1, Full Gene Sequence

RAF1 Full Gene Result

MCR

A pathogenic variant was not detected in RAF1. RAF1 Full Gene Interpretation

MCR

This result does not rule out the diagnosis of Noonan syndrome or other RAF1-associated syndrome. Some individuals with features of Noonan syndrome or other RAF1-associated syndrome and involvement of the RAF1 gene may have a pathogenic variant that is not identified by the described testing methodology. In addition, some individuals with this phenotype may have a pathogenic variant in a gene other than RAF1, including PTPN11, SOS1, and KRAS. If applicable, please contact the laboratory at 1-800-533-1710 or the on-line test catalog at www.mayomedicallaboratories.com for information about how to order the tests for PT11 (PTPN11, Full Gene Sequence, B), SOS1 (SOS1, Full Gene Sequence, B), and/or KRASB (KRAS, Full Gene Sequence, B). Fluorescent DNA sequence analysis was used to test for the

presence of variants in all coding exons (2-17) and corresponding exon-intron boundaries of the RAF1 gene (GenBank accession number NM_002880.3).

A genetic consultation may be of benefit.

A list of common polymorphisms identified for this patient is available from the lab upon request.

CAUTIONS:

Rare polymorphisms exist that could lead to false negative or positive results. If results obtained do not match the clinical findings, additional testing should be considered.

Test results should be interpreted in the context of clinical findings, family history, and other laboratory data. Misinterpretation of results may occur if the information provided is inaccurate or incomplete.

Bone marrow transplants from allogenic donors will interfere with testing. Call Mayo Medical Laboratories for instructions for testing patients who have received a bone marrow transplant.

Performing Site Legend on Last Page of Report

Patient Name	Collection Date and Time	Report Status
TESTINGRNV,RAF1	11/06/2013 09:55	Final
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^{*} Report times for Mayo performed tests are CST/CDT



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Laboratory developed test. Reviewed By

See Below Result:Linnea M. Baudhuin, Ph.D.

MCR

* Perf	orming	Site:

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MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:	

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TESTINGRNV,RAF1	11/06/2013 09:55	Final
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