

Laboratory Service Report

1-800-533-1710

Patient Name TESTINGRNV,KRASB NEG	Patient ID SA00064085	Age 12	Gender M	Order # SA00064085
Ordering Phys CLIENT,CLIENT				DOB 11/12/2000
Client Order # SA00064085	Account Information			Report Notes
Collected 11/04/2013 12:00	C7028846-DLMP Rochester SDSC 2 - Client Support Rochester, MN 55901			
Printed 11/26/2013 13:51				

Reference Perform Test Flag Results Unit Value Site*

KRAS, Full Gene Sequence, B

RECEIVED: 11/05/2013 14:31 REPORTED: 11/06/2013 07:48

KRAS, Full Gene Sequence KRAS Full Gene Result

A pathogenic variant was not detected in KRAS.

MCR

MCR KRAS Full Gene Interpretation

This result does not rule out the diagnosis of Noonan syndrome or other KRAS-associated syndrome. Some individuals with features of Noonan syndrome or other KRAS-associated syndrome and involvement of the KRAS 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 KRAS, including PTPN11, SOS1, and RAF1. 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 RAF1 (RAF1, Full Gene Sequence, B). Fluorescent DNA sequence analysis was used to test for the

presence of variants in all coding exons and corresponding exon-intron boundaries of the KRAS gene. The GenBank mRNA sequence references are: NM 004985.3, KRAS Isoform B (used to report variants in exons 2, 3, 4, and 6) and NM 033360.2, KRAS Isoform A (used to report variants in exon 5).

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

Performing Site Legend on Last Page of Report

Patient Name	Collection Date and Time	Report Status
TESTINGRNV,KRASB NEG	11/04/2013 12:00	Final
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^{*} Report times for Mayo performed tests are CST/CDT



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interfere with testing. Call Mayo Medical Laboratories for instructions for testing patients who have received a bone marrow transplant.

Laboratory developed test.

Reviewed By See Below MCR

Result:Linnea M. Baudhuin, Ph.D.

* Performing Site:

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

Patient Name	Collection Date and Time	Report Status
TESTINGRNV,KRASB NEG	11/04/2013 12:00	Final
Page 2 of 2		** End of Report **

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