

Patient Name TESTINGRNV,KRASB POS	Patient ID SA00064086	Age 12	Gender M	Order # SA00064086
Ordering Phys CLIENT,CLIENT				DOB 11/12/2000
Client Order # SA00064086	Account Information			Report Notes
Collected 11/04/2013 12:00	C7028846-DLMP Rochester SDSC 2 - Client Support Rochester, MN 55901			
Printed 11/26/2013 13:52				

Test	Flag	Results	Unit	Reference Value	Perform Site*
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KRAS, Full Gene Sequence, B

RECEIVED: 11/05/2013 14:31 REPORTED: 11/06/2013 07:49

KRAS, Full Gene Sequence

KRAS Full Gene Result

MCR

A heterozygous pathogenic variant was detected in KRAS:
 Exon 2, nucleotide c.101C>T, amino acid p.Phe34Leu
 (p.P34L).

KRAS Full Gene Interpretation

MCR

The presence of this KRAS variant is consistent with the
 phenotypic features observed in this patient. Appropriate
 surveillance and management strategies should be
 considered.

Since a pathogenic variant has been identified in the KRAS
 gene in this individual, genetic testing for this specific
 variant in other family members is recommended. 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 test KRASK (KRAS Gene,
 Known Mutation, B). Please refer to family number 1234 when
 ordering testing on family members of this individual.
 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.

Performing Site Legend on Last Page of Report

Patient Name TESTINGRNV,KRASB POS	Collection Date and Time 11/04/2013 12:00	Report Status Final
Page 1 of 2		>> Continued on Next Page >>

* Report times for Mayo performed tests are CST/CDT

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<p>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. Laboratory developed test.</p>					
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:
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Page 2 of 2		** End of Report **

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