

## **Laboratory Service Report**

## 1-800-533-1710

Patient Name TESTINGRNV,KRASK NEG	Patient ID SA00064082	<b>Age</b> 37	Gender F	Order # SA00064082	
Ordering Phys CLIENT,CLIENT				<b>DOB</b> 11/10/1975	
Client Order # SA00064082	Account Information			Report Notes	
<b>Collected</b> 11/04/2013 06:00	SDSC 2 - Client Suppo	C7028846-DLMP Rochester SDSC 2 - Client Support			
Printed 11/26/2013 13:42	Rochester, MN 55901				

Reference Perform
Test Flag Results Unit Value Site\*

KRAS Gene, Known Mutation, B

**RECEIVED:** 11/05/2013 14:13 **REPORTED:** 11/06/2013 07:46

KRAS Gene, Known Mutation

KRAS Known Mutation Result

The KRAS Exon 2, nucleotide c.101C>T, amino acid p.Phe34Leu (p.P34L) familial mutation was not detected in this individual.

KRAS Known Mut Interpretation

The KRAS p.Phe34Leu (p.P34L) variant was previously identified in a family member with features of Noonan syndrome. Since this variant was not detected in this individual, this suggests that this patient is at no greater risk than someone in the general population for having Noonan syndrome.

Fluorescent DNA sequence analysis was used to test for the presence of a specific sequence change in the KRAS gene (GenBank accession number NM 004985.3, KRAS Isoform B (used to report variants in exons  $\overline{2}$ , 3, 4, and 6) or NM 033360.2 KRAS Isoform A (used to report variants in exon  $\overline{5}$ ), which was previously identified in an affected family member of this individual.

A genetic consultation may be of benefit.

## 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.

Laboratory developed test.

Reviewed By

See Below

Result:Linnea M. Baudhuin, Ph.D.

MCR

MCR

MCR

## \* 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,KRASK NEG	11/04/2013 06:00	Final
Page 1 of 1		** End of Report **

<sup>\*</sup> Report times for Mayo performed tests are CST/CDT