Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,CHEKK	SA00064002	27	M	SA00064002
Ordering Phys CLIENT,CLIENT				**DOB** 06/25/1986
Client Order # SA00064002	**Account Information**			**Report Notes**
Collected 10/30/2013 00:00	C7028846-DLMP Rochester SDSC 2 - Client Support Rochester, MN 55901			
Printed 12/24/2013 09:26				

Test	Flag	Results	Unit	Reference Value	Perform Site*

CHEK2 Gene, Known Mutation
RECEIVED: 10/30/2013 13:21 **REPORTED:** 12/02/2013 12:58

Reason For Referral — MCR

Family history of breast cancer. Test for the presence of a mutation in the CHEK2 gene.

Result — MCR

The c.1100delC mutation was NOT detected.

Interpretation — MCR

Absence of the CHEK2 mutation previously identified in an affected family member may decrease this individual's risk of breast cancer given that the CHEK2 mutation may be contributing to an increased risk for breast cancer in this family (J Clin Oncol 2011 29:3747-3752). However, this assay does not rule out the presence of mutations within other genes associated with breast cancer susceptibility which may also be contributing to cancer risk in the patient and/or family.

A genetic consultation may be of benefit.

Unless reported or predicted to cause disease, alterations found deep in the intron or alterations that do not result in an amino acid substitution are not reported. These and common polymorphisms identified for this patient are available upon request.

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

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.

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.

Method — MCR

DNA sequence analysis was used to test for the presence of

Performing Site Legend on Last Page of Report

MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

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Test	Flag	Results	Unit	Reference Value	Perform Site*
the c.1100delC alteration in the CHEK2 gene (GenBank accession number, NM_007194; build GRCh37 (hg19)).					
Specimen		Blood			MCR
Reviewed By Matthew John Ferber PhD					MCR
Release Date		02 Dec 2013 12:57			MCR

* Performing Site:

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

* Report times for Mayo performed tests are CST/CDT