Patient Name	Patient ID	Age	Gender	Order #
TESTING,REPORTS	SA00058807	3D	F	SA00058807
Ordering Phys CLIENT,CLIENT				**DOB** 06/03/2013
Client Order # SA00058807	**Account Information**			**Report Notes**
Collected 06/06/2013 00:00	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 06/28/2013 14:43				

Test	Flag	Results	Unit	Reference Value	Perform Site*

TP53 Gene, Full Gene Analysis
RECEIVED: 06/06/2013 14:01 **REPORTED:** 06/13/2013 10:26

Reason for Referral MCR

Possible diagnosis of Li-Fraumeni syndrome. Test for the presence of a mutation in the TP53 gene.

Result MCR

A mutation was NOT detected.

Interpretation MCR

This result does not rule out the diagnosis of Li-Fraumeni syndrome. We predict that some individuals who have a diagnosis of Li-Fraumeni syndrome involving the TP53 gene may have a mutation that is not identified by the methods described above (e.g. promoter mutations or deep intronic mutations).

In addition, this assay does not rule out mutations in other genes associated with hereditary colon cancer.

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

Bi-directional sequence analysis was performed to test for

Performing Site Legend on Last Page of Report

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the presence of a mutation in all coding regions and intron/exon boundaries of the p53 gene. Additionally, array comparative genomic hybridization (aCGH) was used to test for the presence of large deletions and duplications in the p53 gene. Mutation nomenclature is based on GenBank accession number, NM_000546.4.					
Array Billed?		Yes.			MCR
See COLDB, Hereditary Colon Cancer CGH Array, for billing information.					
Specimen		Blood			MCR
Reviewed By					MCR
Matthew John Ferber PhD					
Release Date		13 Jun 2013 10:23			MCR

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.