MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report

1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,MLHKM	SA00050428	67	M	SA00050428
Ordering Phys				**DOB** 06/15/1945
Client Order # SA00050428	**Account Information**			**Report Notes**
Collected 11/06/2012	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 11/20/2012 09:02				

Test	Flag	Results	Unit	Reference Value	Perform Site*
MLH1 Large Del/Dup			REPORTED 11/06/2012 13:24		
Result					MCR
Analysis has been completed. Refer to the MLH1 Known Mutation for results and interpretation.					
Specimen		Blood			MCR
Reviewed By:					MCR
Melody Elizabeth Kimball					
Release Date		06 Nov 2012 13:23			MCR
MLH1 Known Mutation			REPORTED 11/19/2012 18:53		
Reason For Referral					MCR
Family history of Lynch Syndrome. Test for the presence of a mutation in the MLH1 gene.					
Result					MCR
The p.R487X mutation was NOT detected.					
Interpretation					MCR

Absence of the mutation previously identified for an affected family member indicates that this individual is NOT at increased risk for developing Lynch Syndrome.

This assay does not rule out the presence of other mutations within this gene or within other genes that are associated with colon and other cancers.

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

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

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Test	Flag	Results	Unit	Reference Value	Perform Site*
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 the c.1459C>T (p.R487X) mutation in exon 13 of the MLH1 gene. Testing was performed for this specific mutation because it was previously identified in an affected family member of this individual. Mutation nomenclature is based on GenBank accession number, NM_000249.					
Specimen		Blood			MCR
Reviewed By:		D Brian Dawson PhD			MCR
Release Date		19 Nov 2012 18:52			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.

Patient Name	Collection Date and Time	Report Status
SAMPLEREPORT,MLHKM	11/06/2012	Final
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