

1-800-533-1710

PATIENT NAME TESTING, QA83015		PATIENT NU	MBER		AGE 33	SEX F	ACCESSION # G9134771
ORDERING PHYSICIAN		CLIENT ORD	ER#			•	ACCOUNT # LIAISONS
COLLECTION 09/15/09 02:21 P DATE TIME Test Client Attn: Mayo Liaisons 200 First Street SW Rochester, MN 55905 507-284-8202	RECEIVED 09/15/09 0 DATE	REPORT PR 11/11/09 DATE	O1:31 P TIME	SPECIMEN INFORMA DATE OF BIRTH:	ATION		

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TEST REQUESTED LO REF RANGE PERFORM SITE *

MLH1 Mutation Screen

 Specimen
 Blood
 MCR

 Specimen ID
 1033340
 MCR

 Order Date
 06 Oct 2009 08:51
 MCR

 Reason For Referral
 MCR

Tumor from patient demonstrates the presence of microsatellite instability (X) and the absence of protein expression for both hMLH1 and PMS2. Test for the presence of a mutation in the hMLH1 gene.

Method MCR

DNA sequence analysis was performed to test for the presence of a mutation in all 19 exons of the hMLH1 gene.

Additionally, gene dosage analysis (MLPA) is used to test

for the presence of large deletions, duplications, and other genomic rearrangements in this gene.

Result MCR

A mutation was NOT detected.

Interpretation MCR

This result is consistent with a diagnosis of HNPCC for this individual.

Identification of a mutation for this individual means that predictive testing can be performed for other at risk family members.

A genetic consultation may be of benefit.

A list of common polymorphisms identified for this patient is 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.

* Perform Site Legend on last page of report

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TESTING, QA83015	Final	09/15/09 02:21 P



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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.

MLPA Performed? Yes. MCR

See #89853, MLH1/MSH2 Large Deletion/Duplication, MLPA, for

billing information.

Reviewed By: Keri Jane Kruckeberg MCR
Release Date 06 Oct 2009 08:53 MCR

* PERFORMING SITE

MCR Mayo Clinic Dpt of Lab Med & Pathology
200 First Street SW Rochester, MN 55905

Lab Director: Franklin R. Cockerill, III, M.D.

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