MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,MYH N	SA00058848	46	F	SA00058848
Ordering Phys CLIENT,CLIENT				**DOB** 06/10/1966
Client Order # SA00058848	**Account Information**			**Report Notes**
Collected 06/06/2013 00:00	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 06/13/2013 10:31				

Test	Flag	Results	Unit	Reference Value	Perform Site*
MYH Gene Analysis					
RECEIVED: 06/07/2013 14:46 **REPORTED:** 06/13/2013 08:32					
Specimen		Blood			MCR
Specimen ID		1062115			MCR
Order Date		10 Jun 2013 09:10			MCR
Reason For Referral					MCR
Patient has a possible diagnosis of MYH associated polyposis. Test for the presence of mutations in the MYH gene.					
Method					MCR
A PCR-based analysis (restriction enzyme digest) was used to test DNA for the presence of the Y165C and G382D mutations in the MYH gene.					
Result					MCR
None of the listed mutations were detected.					
Interpretation					MCR

This result does not provide evidence for a diagnosis of MYH associated polyposis (MAP). However, some individuals with MAP may have mutations that cannot be detected by this method. The Y165C and G382D mutations account for approximately 85% of mutations within the MYH gene in a mixed European Caucasian population. Thus, we predict that approximately 2% of mixed European Caucasian patients will have two unidentified MYH mutations by this method. The percentage of patients with two unidentified mutations may vary in other populations. DNA sequencing of the MYH gene may provide additional diagnostic information.

Familial adenomatous polyposis (FAP) and MAP can show considerable phenotypic overlap. If not already performed, consider genetic testing of the APC gene (associated with FAP).

A genetic consultation may be of benefit.

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.

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*
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: Emily Christine Lauer					MCR
Release Date		13 Jun 2013 08:30			MCR

* Performing Site:

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