

### **Laboratory Service Report**

## 1-800-533-1710

Patient Name SAMPLEREPORT,AXINK	Patient ID SA00058773	<b>Age</b> 27	Gender M	<b>Order #</b> SA00058773	
Ordering Phys CLIENT, CLIENT		·		<b>DOB</b> 06/16/1985	
Client Order # SA00058773	Account Information			Report Notes	
<b>Collected</b> 06/05/2013 00:00	3050 Superior Drive	·			
<b>Printed</b> 06/28/2013 14:35	Rochester, MN 55901				

Reference Perform Unit Test Flag Results Value Site\*

AXIN2 Gene, Known Mutation

RECEIVED: 06/05/2013 11:39 REPORTED: 06/10/2013 13:02

Reason For Referral

MCR Family history of oligodontia-colorectal cancer syndrome.

Test for the presence of a mutation in the AXIN2 gene.

Result

MCR The p.R656X mutation was NOT identified.

Interpretation

Absence of the mutation previously identified for an affected family member indicates that this individual is  ${\tt NOT}$ at increased risk for developing oligodontia-colorectal cancer syndrome.

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

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

DNA sequence analysis was used to test for the presence of the p.R656X (c.1966C>T) mutation in exon 8 of the AXIN2 gene. Testing was performed for this specific mutation because it was previously identified in an affected family MCR

MCR

\*\*\*Performing Site Legend on Last Page of Report\*\*\*

Patient Name	Collection Date and Time	Report Status
SAMPLEREPORT, AXINK	06/05/2013 00:00	Final
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<sup>\*</sup> Report times for Mayo performed tests are CST/CDT



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Test	Flag Results	Unit	Reference Value	Perform Site*
member of this individu on GenBank accession nu	al. Mutation nomenclature is bomber; NM 004655.3.	ased		
Specimen	Blood			MCR
Reviewed By				MCR
Matthew John Ferber PhD				
Release Date	10 Jun 2013 13:	:01		MCR

## \* Performing Site:

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

Patient Name	Collection Date and Time	Report Status
SAMPLEREPORT, AXINK	06/05/2013 00:00	Final
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