

Laboratory Service Report

1-800-533-1710

Patient Name SAMPLEREPORT,HOXB1	Patient ID SA00064992	Age 28	Gender M	Order # SA00064992
Ordering Phys CLIENT,CLIENT			I	DOB 06/15/1985
Client Order # SA00064992	Account Information			Report Notes
Collected 12/26/2013 00:00	C7028846-DLMP Rochester SDSC 2 - Client Support Rochester, MN 55901			
Printed 02/03/2014 15:09				

Reference Perform Test Flag Results Unit Value Site*

HOXB13 Mutation Analysis (G84E)

RECEIVED: 12/26/2013 08:31 REPORTED: 01/03/2014 08:33

Reason for Referral

MCR

Patient has prostate cancer. Test for the presence of the

G84E mutation in the HOXB13 gene.

MCR Result

The G84E mutation was NOT detected.

Interpretation

This result does not provide evidence for an increased risk of hereditary prostate cancer due to the G84E mutation in HOXB13. The clinical phenotype that is observed in this patient and/or family might be due to disease causing mutations in other genes. This assay does not rule out the presence of other mutations within this gene or within other genes that are associated with an increased risk of prostate cancer.

A genetic consultation may be of benefit.

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 is performed to test for the presence of a mutation in exon 1 of the HOXB13 gene (GenBank accession number NM_006361.5; GRCh37 (hg19)).

Specimen Blood

Reviewed By

Stephen N Thibodeau PhD

Release Date 03 Jan 2014 08:32 MCR MCR

MCR

MCR

Performing Site Legend on Last Page of Report

Patient Name	Collection Date and Time	Report Status
SAMPLEREPORT,HOXB1	12/26/2013 00:00	Final
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^{*} Report times for Mayo performed tests are CST/CDT



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

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SAMPLEREPORT,HOXB1	12/26/2013 00:00	Final
Page 2 of 2		** End of Report **

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