Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,FIXMS-NORM	SA00059002	47	F	SA00059002
Ordering Phys CLIENT,CLIENT				**DOB** 06/10/1966
Client Order # SA00059002	**Account Information**			**Report Notes**
Collected 06/14/2013 16:01	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 06/14/2013 16:18				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Factor IX Gene Mutation Screening					
RECEIVED: 06/14/2013 16:04 **REPORTED:** 06/14/2013 16:11					
FIX Mut Screen Reason for Referral					MCR
Family history of Hemophilia B. Determine carrier status					
Factor IX Mutation Screen Result		Negative		Not applicable	MCR
No causative mutations were found within the regions described in the methods section of F9 (procoagulant factor IX gene).					
Factor IX Mutation Screen Interp					MCR
No mutations were found, suggesting that the patient is NOT a carrier for Hemophilia B.					
This assay will not detect mutations known to cause congenital Hemophilia B outside the regions described in methods section and cannot exclude the possibility of somatic mosacism which has been reported in congenital Hemophilia B.					
Large hemizygous deletions surrounding exons and large hemizygous deletions of F9 (procoagulant factor IX gene) will not be detected by this methodology in females.					
It is often helpful to test an obligate carrier or an individual affected with Hemophilia B in this family. Identification of the mutation in this family would allow for more direct testing and risk assessment of at risk individuals.					
Of patients with well established Hemophilia B, less than 1% will have no detectable deleterious mutations in F9 (procoagulant factor IX gene).					
Genetic consultation may be of benefit for this individual and/or family to further discuss the implications of these findings.					
Regions analyzed include the promoter region, coding regions (exons 1 through 8, including splice junctions) and a portion of the 3' untranslated region. This test is a direct mutation analysis of leukocyte genomic DNA performed by polymerase chain reaction, followed by sequencing utilizing fluorescent ABI technology, Foster City, CA. Laboratory developed test.					
Factor IX Mut Screen Reviewed By		Tammy Bernatz			MCR

Performing Site Legend on Last Page of Report

TEST SITE

MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,FIXMS-NORM	SA00059002	47	F	SA00059002
Ordering Phys CLIENT,CLIENT				**DOB** 06/10/1966
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Test	Flag	Results	Unit	Reference Value	Perform Site*

>> Accession SA00059002 - Continued From Previous Page <<
>> Do Not Discard <<

* 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,FIXMS-NORM	06/14/2013 16:01	Final
Page 2 of 2		** End of Report **

* Report times for Mayo performed tests are CST/CDT

TEST SITE