MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,HAPB	SA00046746	45	F	SA00046746
Ordering Phys				**DOB** 06/10/1966
Client Order # SA00046746	**Account Information**			**Report Notes**
Collected 05/21/2012	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 09/15/2012 13:01				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Hemophilia A Mol Anal for Inversion		REPORTED 07/13/2012 10:09			
Specimen		Blood			MCR
Specimen ID		1038207			MCR
Order Date		22 May 2012 15:04			MCR
Reason For Referral					MCR
Family history of hemophilia A. Test for the presence of an intron 1 and intron 22 inversion within the factor VIII gene.					
Method					MCR
A PCR-based assay was used to detect the presence of an intron 1 inversion-type mutation within the factor VIII gene. Southern blot analysis was utilized to detect the presence of an intron 22 inversion type mutation within the factor VIII gene. This test used the DNA probe 482.6 and two restriction endonucleases, Bcl I and Nco I.					
Result					MCR
An intron 22 inversion was detected within the factor VIII gene.					
Interpretation					MCR
Results indicate that this individual is a carrier of hemophilia A. Hemophilia A is an X linked condition; therefore, each male offspring of a carrier female has a 50% risk of being affected with hemophilia A. In addition, carrier females with factor VIII clotting activity level lower than 35% are at risk for bleeding.					
Since we have documented the presence of a mutation within the factor VIII gene, carrier testing for other at risk individuals is possible.					
A genetic consultation may be of benefit.					
CAUTIONS: 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.					
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.					
Bone marrow transplants from allogenic donors will interfere with testing. Call Mayo Medical Laboratories for					

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*
instructions for testing patients who have received a bone marrow transplant.					
Laboratory developed test.					
Reviewed By:					MCR
Melody Elizabeth Kimball					
Release Date		13 Jul 2012 10:04			MCR

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.