MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TESTINGRNV,APO2K	SA00048176	32	M	SA00048176
Ordering Phys				**DOB** 06/15/1980
Client Order # SA00048176	**Account Information** C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			**Report Notes**
Collected 08/01/2012				
Printed 08/30/2012 15:16				

Test	Flag	Results	Unit	Reference Value	Perform Site*
APOA2 Gene, Known Mutation		REPORTED 08/08/2012 08:18			
Specimen		Blood			MCR
Specimen ID		1038514			MCR
Order Date		01 Aug 2012 10:05			MCR
Reason For Referral					MCR
Family history of apolipoprotein A-II (APOA2) associated familial amyloidosis. Test for the presence of a mutation in the APOA2 gene.					
Method					MCR
DNA sequence analysis was used to test for the presence of the c.301T>A (p.X101RextX22) mutation in exon 4 of the APOA2 gene. Testing was performed for this specific mutation because it was previously identified in an affected family member of this individual. Mutation nomenclature is based on GenBank accession number; NM_0001643.1.					
Result					MCR
The p.X101RextX22 mutation was NOT detected.					
Interpretation					MCR
Absence of the mutation(s) previously identified in an affected family member indicates that this individual is at no greater risk than someone in the general population to develop APOA2 associated familial amyloidosis.					
This assay does not rule out the presence of other mutations in this gene or in other genes that are associated with amyloidosis. Errors in the diagnosis or pedigree provided to us, including non paternity, may lead to an erroneous interpretation of test results.					
A genetic consultation may be of benefit.					
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: 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					

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

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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 instructions for testing patients who have received a bone marrow transplant.					
Laboratory developed test.					
Reviewed By W Edward Highsmith Jr., PhD					MCR
Release Date		08 Aug 2012 08:16			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.