Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,MAPTM A	SA00057903	46	F	SA00057903
Ordering Phys CLIENT,CLIENT				**DOB** 06/10/1966
Client Order # SA00057903	**Account Information**			**Report Notes**
Collected 05/30/2013 00:00	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 06/03/2013 10:49				

Test	Flag	Results	Unit	Reference Value	Perform Site*
MAPT Screening Sequence Analysis					
RECEIVED: 05/31/2013 10:23 **REPORTED:** 06/03/2013 09:56					
Specimen		Blood			MCR
Specimen ID		1061997			MCR
Order Date		03 Jun 2013 08:22			MCR
Reason For Referral					MCR
Possible diagnosis of frontotemporal dementia associated with Parkinsonism (FTDP) or without Parkinsonism (FTD). Analyze the MAPT (tau) gene for the presence of a mutation.					
Method					MCR
Bi-directional sequence analysis was performed to test for the presence of a mutation in exons 1, 7, 9,10, 11, 12 and 13 of the MAPT (tau) gene. Mutation nomenclature is based on the most common isoform (4R2N) (Human Mutation. 24(4):277-95, 2004 Oct.).					
Result					MCR
The following sequence change was detected: Exon: 10 DNA change: c.1842T>G Amino acid change: p.N279K (Asn279Lys) Classification: DELETERIOUS					
Interpretation					MCR
This alteration is a known deleterious mutation. This result is consistent with a diagnosis of frontotemporal dementia associated with Parkinsonism (FTDP) or without Parkinsonism (FTD) linked to a mutation in MAPT (tau) for this individual. Since a mutation has been identified, testing of at risk family members is possible. Mutation-specific testing for MAPT is available at Mayo Medical Laboratories by ordering MAPTK/87925 MAPT Known Mutation. Please contact the Molecular Genetics Laboratory at 1-800-533-1710 with questions about this test. It is recommended that predictive testing is performed in conjunction with appropriate pre and post testing counseling. 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					

Performing Site Legend on Last Page of Report

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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.

Reviewed By:	Jessica Rose Chavey	MCR
Release Date	03 Jun 2013 09:55	MCR

* Performing Site:

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