Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,MAPTM N	SA00057902	46	F	SA00057902
Ordering Phys CLIENT,CLIENT				**DOB** 06/10/1966
Client Order # SA00057902	**Account Information**			**Report Notes**
Collected 05/30/2013 00:00	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 06/03/2013 11:10				

Test	Flag	Results	Unit	Reference Value	Perform Site*
MAPT Screening Sequence Analysis					
RECEIVED: 05/31/2013 10:22 **REPORTED:** 06/03/2013 09:56					
Specimen		Blood			MCR
Specimen ID		1061996			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

A mutation was NOT detected.

Interpretation MCR

This result decreases the likelihood, but do not rule out the diagnosis of frontotemporal dementia for this individual, since disease-causing mutations may be present in other regions of the MAPT (tau) gene or in other genes. Reports in the literature suggest that mutations in the MAPT (tau) gene account for up to 40% of familial frontotemporal dementia, depending on the stringency of the clinical criteria used to establish the diagnosis.

Phenotypic overlap exists between FTDP-17 and FTD-PGRN. If not already performed, genetic testing of the Progranulin (PGRN) gene (associated with FTDP-PGRN) may provide additional diagnostic information. Please contact the molecular genetics laboratory at 1-800-533-1710 with questions about PGRN testing.

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:
Test results should be interpreted in context of clinical

Performing Site Legend on Last Page of Report

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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:

TEST SITE