MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, GRNKM	L3MRNG9159471	20Y	M	G9159471

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
11/09/10 03:47 P	11/09/10 03:47 P	11/11/10 01:09 P	DATE OF BIRTH:

Test Client
Attn: Mayo Liaisons
200 First Street SW
Rochester, MN 55905
507-284-8202

TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *

Progranulin Gene, Known Mutation

Specimen	**Blood**	**MCR**
Specimen ID	**1034889**	**MCR**
Order Date	**11 Nov 2010 09:00**	**MCR**

Reason For Referral **MCR**

Family history of frontotemporal dementia associated with Progranulin (FTD-PGRN). Analyze the Progranulin (PGRN) gene for the presence of mutations.

Method **MCR**

DNA sequence analysis was used to test for the presence of the Q300X mutation in exon 8 of the Progranulin (PGRN) 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_002087.2.

Result **MCR**

The Q300X mutation was NOT detected.

Interpretation **MCR**

The Q300X mutation within the PGRN gene was identified in an affected member of this family. Therefore, this result suggests that this individual is not a carrier and at no greater risk than someone in the general population for developing symptoms related to frontotemporal dementia.
A list of common polymorphisms identified for this patient is 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

** Perform Site Legend on last page of report*

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TESTING, GRNKM	Final	11/09/10 03:47 P

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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.
This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Extraction Performed?	**Yes**	**MCR**
Reviewed By:	**Heather Lynn Owen**	**MCR**
Release Date	**11 Nov 2010 09:26**	**MCR**

*** PERFORMING SITE**

MCR	Mayo Clinic Dpt of Lab Med & Pathology 200 First Street SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.

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TESTING, GRNKM	Final	11/09/10 03:47 P