MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, CSRMS	L3MRNG9159467	30Y	F	G9159467

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
11/09/10 03:30 P	11/09/10 03:30 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 *

CASR Mutation Screen

Specimen	**Blood**	**MCR**
Specimen ID	**1034887**	**MCR**
Order Date	**11 Nov 2010 08:59**	**MCR**

Reason for Referral **MCR**

Patient reported to have clinical features suggestive of abnormal calcium sensing receptor function. Test for the presence of a mutation in the CASR gene.

Method **MCR**

DNA sequence analysis was used to test for the presence of a mutation in all 6 translated exons, and flanking intronic sequences, of the CASR gene (GenBank accession number; NM 000388.2).

Result **MCR**

A mutation was NOT detected.

Interpretation **MCR**

This result does not provide evidence for a functionally significant calcium sensing receptor mutation. Because phenotypic overlap exists between individuals with CASR mutations and several other diseases, the symptoms reported in this individual are likely caused by an alternate etiology.
Measurement of urinary calcium to creatinine ratio may provide useful diagnostic information for this individual.
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 the context of clinical findings, family history, and other laboratory

** Perform Site Legend on last page of report*

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TESTING, CSRMS	Final	11/09/10 03:30 P

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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.
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.

Reviewed By	**Heather Lynn Owen**	**MCR**
Release Date	**11 Nov 2010 09:19**	**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, CSRMS	Final	11/09/10 03:30 P