

Patient Name RVTEST,DMGLM289	Patient ID RVDMGLM289	Age 34	Gender F	Order # RVDMGLM289
Ordering Phys				DOB 12/21/1980
Client Order # RVDMGLM289	Account Information			Report Notes
Collected 04/07/2015 12:52	C7028846-DLMP Rochester SDSC 2 - Client Support			
Printed 07/02/2015 09:28	Rochester, MN 55901			

Test	Flag	Results	Unit	Reference Value	Perform Site*
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Familial Mutation, Targeted Testing

Result Summary

NEGATIVE

MCR

Result

MCR

The p.C609Y (c.1826G>A) alteration was NOT identified.

Interpretation

MCR

Absence of the mutation previously identified in an affected family member indicates that this individual is at no greater risk than someone in the general population to develop multiple endocrine neoplasia type 2A (MEN2A) or familial medullary thyroid carcinoma (FMTC).

This assay does not exclude the presence of other disease-causing mutations in the RET gene associated with MEN2A/FMTC. Errors in the information or pedigree provided to us, including misattributed paternity, may lead to an erroneous interpretation of the tests 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.

-----ADDITIONAL INFORMATION-----

An online research opportunity called GenomeConnect (genomeconnect.org), a project of ClinGen, is available for the recipient of this genetic test. This patient registry collects de-identified genetic and health information to advance the knowledge of genetic variants. Mayo Clinic is a collaborator of ClinGen.

Test results should be interpreted in the 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 false-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.

Performing Site Legend on Last Page of Report

Patient Name RVTEST,DMGLM289	Collection Date and Time 04/07/2015 12:52	Report Status Final
Page 1 of 2		>> Continued on Next Page >>

* Report times for Mayo performed tests are CST/CDT

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Ordering Phys				DOB 12/21/1980
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Multiple in-silico evaluation tools were used to assist in the interpretation of these results. These tools are updated regularly, therefore changes to these algorithms may result in different predictions for a given alteration. However, the sensitivity and specificity of these tools for the determination of pathogenicity is currently unvalidated.

Laboratory developed test.

PDF Report available at:

<https://test.mmlaccess.com/Reports/C7028846-ABwu7qAlfa.ashx>

Specimen	WB Whole Blood	MCR
Method		MCR
DNA sequence analysis was used to test for the presence of the p.C609Y (c.1826G>A; g.43609070) alteration in the RET gene (GenBank accession number NM_020975; build GRCh37 (hg19)).		
Released By	ANDE RUMILLA	MCR

RECEIVED: 04/07/2015 12:52 **REPORTED:** 04/15/2015 14:48

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director: William G. Morice, II, M.D., Ph.D.
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Patient Name RVTEST,DMGLM289	Collection Date and Time 04/07/2015 12:52	Report Status Final
Page 2 of 2		** End of Report **

* Report times for Mayo performed tests are CST/CDT

RVTEST, DMGLM289

MEDICAL RECORD # (PATIENT ID) RVDMGLM289

DOB	12/21/1980	CLIENT ID/WARD	7028846	ORDER #	D307000598
SEX	Female	CLIENT/NAME WARD	DLMP Rochester		
CLIENT MRN	RVDMGLM289	CITY, ST, ZIP	Rochester	DATE COLLECTED	4/7/2015 12:52 PM
REQUESTED BY	ROBERT ELLSWORTH WHAREN		MN 55901	DATE RECEIVED	4/7/2015 12:52 PM
				DATE REPORTED	4/15/2015 2:48 PM

Familial Mutation, Targeted Testing

Result Summary:

NEGATIVE

Result:

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PATIENT NAME: RVTEST, DMGLM289

Page 1 of 2

The collected, received, and reported dates and times on the report are in the time zone of the performing location.

RVTEST, DMGLM289

MEDICAL RECORD # (PATIENT ID) RVDMLM289

DOB	12/21/1980	CLIENT ID/WARD	7028846	ORDER #	D307000598
SEX	Female	CLIENT/NAME WARD	DLMP Rochester		
CLIENT MRN	RVDMLM289	CITY, ST, ZIP	Rochester	DATE COLLECTED	4/7/2015 12:52 PM
REQUESTED BY	ROBERT ELLSWORTH WHAREN	MN	55901	DATE RECEIVED	4/7/2015 12:52 PM
				DATE REPORTED	4/15/2015 2:48 PM

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Laboratory developed test.

Released By:

ANDE RUMILLA

QA TESTING