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|--|---|------------------|---------------------|------------------------------|
| Patient Name SAMPLEREPORT,TGF2 | Patient ID SA00055113 | Age 46 | Gender F | Order # SA00055113 |
| Ordering Phys UNKNOWN,PROVIDER | | | | DOB 06/10/1966 |
| Client Order # SA00055113 | Account Information | | Report Notes | |
| Collected 03/14/2013 22:51 | C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901 | | | |
| Printed 06/13/2013 09:55 | | | | |

| Test | Flag | Results | Unit | Reference Value | Perform Site* |
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TGFBR2 Full Gene Sequence
RECEIVED: 03/14/2013 22:51 **REPORTED:** 06/13/2013 09:35

TGFBR2 Full Gene Sequence

MCR

A mutation was not detected in TGFBR2.

TGFBR2 Interpretation

MCR

This result does not rule out the diagnosis of Loeys-Dietz syndrome (LDS) or other TGFBR2-associated syndrome. Some individuals with features of LDS or other TGFBR2-associated syndrome may have a TGFBR2 mutation that is not identified by the described testing methodology. In addition, some individuals with this phenotype may have a mutation in a gene other than TGFBR2, such as FBN1 or TGFBR1. If applicable, please contact the laboratory at 1-800-533-1710 or the on-line test catalog at www.mayomedicallaboratories.com for information about how to order the test for FBN1, Full Gene Sequence (89308) and/or TGFBR1, Full Gene Sequence (89459). Fluorescent DNA sequence analysis was used to test for the presence of mutations in all 7 exons and exon-intron boundaries of the TGFBR2 gene, isoform B (GenBank accession number NM_003242.5). Exon 2 from TGFBR2 isoform A, and exon 5 from TGFBR2 isoform C, were also sequenced along with their exon-intron boundaries.

A genetic consultation may be of benefit.

A list of common polymorphisms identified for this patient is available from the lab upon request.

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 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.
 Laboratory developed test.

Performing Site Legend on Last Page of Report

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| Patient Name SAMPLEREPORT,TGF2 | Collection Date and Time 03/14/2013 22:51 | Report Status Final |
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* Report times for Mayo performed tests are CST/CDT

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|-----------------------------|------|--------------|------|-----------------|---------------|
| TGFBR2 Reviewed by | | Yvonne Philo | | | MCR |
| TGFBR2 Full Gene Sequencing | | Performed | | | MCR |

* Performing Site:

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

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| Page 2 of 2 | | ** End of Report ** |

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