MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

| PATIENT NAME | PATIENT NUMBER | AGE | SEX | ACCESSION # |
|---|---|---|---|---|
| TESTING, 81183 | L3MRNW4075604 | 58 | F | W4075604 |

| ORDERING PHYSICIAN | CLIENT ORDER # | ACCOUNT # |
|---|---|---|
| | | LIAISONS |

| COLLECTION DATE TIME | RECEIVED DATE TIME | REPORT PRINTED DATE TIME | SPECIMEN INFORMATION |
|---|---|---|---|
| 04/21/11 03:49 P | 04/21/11 03:49 P | 04/25/11 10:08 A | 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 * |
|---|---|---|---|

**DNA Extraction, NPL** — REPORTED: 04/21/11 04:07 P

| | | |
|---|---|---|
| Specimen | Blood | MCR |
| Specimen ID | 880070 | MCR |
| Order Date | 21 Apr 2011 16:01 | MCR |
| Comment | | MCR |

Genomic DNA has been extracted.

| | | |
|---|---|---|
| Reviewed By | Joshua A Gorman | MCR |
| Release Date | 21 Apr 2011 16:01 | MCR |

**LDLR Gene, Known Mutation** — REPORTED: 04/21/11 04:49 P

Result — MCR

This individual was shown to have one copy of the following mutation:
Exon 4, nucleotide c.551G>A, amino acid p.C184Y (Cysteine to Tyrosine)

Interpretation — MCR

A mutation within the LDLR gene was previously identified in a family member affected with familial hypercholesterolemia. The presence of this mutation, therefore, is consistent with a diagnosis of heterozygous familial hypercholesterolemia in this individual.

Reviewed By — Linnea M. Baudhuin, Ph.D. — MCR

This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic. It has not been cleared or approved by the U.S. Food and Drug Administration.
Fluorescent DNA sequence analysis was used to test for the presence of a specific mutation in the LDLR gene which was previously identified in an affected family member of this individual.
A genetic consultation may be of benefit.
CAUTIONS:

** Perform Site Legend on last page of report*

| PATIENT NAME | ORDER STATUS | COLLECTION DATE AND TIME |
|---|---|---|
| TESTING, 81183 | Final | 04/21/11 03:49 P |

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|---|---|---|---|

Test results should be interpreted in the context of clinical findings, family history, and other laboratory data. Rare polymorphisms could interfere with test results. Misinterpretation of results may occur if the information provided is inaccurate or incomplete.

| Sequencing | Performed | MCR |
|---|---|---|

* PERFORMING SITE

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

| PATIENT NAME | ORDER STATUS | COLLECTION DATE AND TIME |
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| TESTING, 81183 | Final | 04/21/11 03:49 P |