



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT
WX0000003039 M 12/05/1988 33 Y

Referral Testing

Collected: 12/22/2021 14:55 Received: 12/22/2021 14:55

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Row 1: Cystic Fibrosis Screen, Ethnicity, Hispanic or Latino, QCLR. Row 2: CF Result, NEGATIVE, NEGATIVE, QCLR. Row 3: Interpretation, SEE NOTE, QCLR.

This result does not rule out the presence of a mutation or a diagnosis of cystic fibrosis disease (CF). The risk for mutations that cause CF other than the ones tested depends greatly on family history, clinical presentation, and ethnicity.

Chance of Having a CF Mutation

Table with 4 columns: Ethnic Group, Detection Rate, Before Test, After Negative Result. Rows include Ashkenazi Jewish, Non-Hispanic Caucasian, Hispanic-American, African-American, Asian-American, and Other.

Health care providers, please contact your local Quest Diagnostics' genetic counselor or call Quest Genomics Client Services at 866-GENEINFO (866-436-3463) for assistance with interpretation of these results.

Table with 3 columns: Mutations/Polymorphisms, SEE NOTE, QCLR.

MUTATIONS ANALYZED:

Table listing various mutations such as G85E (c.254G>A), S549N (c.1646G>A), 394delTT (c.262delTT), G551D (c.1652G>A), etc.

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED



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Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Contains test codes like G542X, S549R, W1282X, N1303K.

This assay detects thirty-two mutations, including the twenty-three core mutations recommended by the American College of Medical Genetics (ACMG) and the American Congress of Obstetricians and Gynecologists (ACOG) for population-based CF carrier screening.

Method SEE NOTE QCRL

The mutations are detected by multiplex-polymerase chain reaction (PCR) amplification of specific CF gene regions, followed by nucleotide sequence analysis on a massively parallel sequencing platform.

Reviewer SEE NOTE QCRL

TEST RESULTS ENTERED BY SUJATA MOHANTY

For additional information, please refer to http://education.questdiagnostics.com/faq/cfscreen (This link is being provided for informational/educational purposes only.)

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA.

Test Performed at: Quest Diagnostics Nichols Institute 33608 Ortega Highway San Juan Capistrano, CA 92675-2042 I Maramica MD, PhD, MBA

Performing Site: QCRL: QUEST DIAGNOSTICS REFERENCE LAB CAPISTRANO 33608 Ortega Highway San Juan Capistrano CA 92675

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