



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT
WX0000073111 F 02/15/1985 39 Y

Molecular

Collected: 08/01/2024 13:53 Received: 08/01/2024 13:53

Test Name Result Flag Ref-Ranges Units Site

Cystic Fibrosis Mutation Panel

Cystic Fibrosis Mutation Analysis See Below WMRL

Result: Normal Genotype

Interpretation:

This individual is negative for the 39 Cystic Fibrosis (CF) mutations included in this assay, indicating a reduced risk for CF. These results do not exclude all pathogenic CFTR mutations. An individual's residual risk after a negative test varies by ancestry (see table below).

Estimated carrier risk:

Table with 4 columns: Ethnic group, Detection Rate, Risk Before Test, Residual Risk After Negative Test. Rows include Ashkenazi Jewish, European Caucasian, African American, Hispanic American, and Asian American.

NOTE:

Limited information is available for individuals from other ethnic populations. Residual carrier risk after a negative test is modified by the presence of a positive family history of CF (i.e., having a first, second, or third degree relative affected with CF) and/or by a mixture of various ethnic groups. For these specific situations, accurate risk assessment requires standard Bayesian analysis and genetic counseling.

Methodology: Multiplex targeted amplification and direct mutation analysis using the Luminex analyzer was performed to test for the presence of 39 mutations within the CFTR gene (GenBank accession number NM_00492). A full list of mutations tested for by this assay can be found at the Warde Laboratory website: (https://wardelab.com/resources/forms) under "CFMPL Cystic Fibrosis Mutation Panel List of Variants Targeted".

Limitations: This assay does not include all known CF-causing pathogenic variants. The absence of a variant does not rule out the possibility of this individual being

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. Row 1: a carrier of or affected with CF. The results of this test should not be used as the sole means for clinical diagnosis or patient management decisions.

Reported Date: 08/01/2024 13:54 CFMPL

Performing Site:
WMRL: WARDE MEDICAL LABORATORY 300 West Textile Road Ann Arbor MI 48108

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

B601001070 Ordered By: CLIENT CLIENT
WX0000073111 WX00000000409391
Printed D&T: 08/01/24 13:54

Kajal V. Sitwala, MD, PhD - Medical Director
Form: MM RL1
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