Warde Medical Laboratory

LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT
WX0000072099 M 12/05/1988 35 Y

Molecular

Collected: 08/01/2024 13:57 Received: 08/01/2024 13:57

Test Name	Result	Flag	Ref-Ranges	Units	Site

Cystic Fibrosis Mutation Panel

Cystic Fibrosis Mutation Analysis	**See Below**	**AB**	WMRL

Result: Heterozygous for I507del mutation

Interpretation:
This patient is a cystic fibrosis (CF) carrier. The DNA of this patient contains one gene with the I507 deletion (c.1519_1521del) in the cystic fibrosis transmembrane conductance regulator (CFTR) gene and one normal CFTR gene. CF carriers do not exhibit a CF phenotype but the patient has a 1 in 2 chance of transmitting the CF gene to their child. Genetic counseling is recommended. CF testing of the partner may be indicated.

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 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 13:58 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

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WX0000072099
Printed D&T: 08/01/24 13:58

Ordered By: CLIENT CLIENT
WX00000000494009

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