

# Genetic Carrier Screen (CF, FXS, and SMA) With Reflex to Methylation

Last Literature Review: October 2021    Last Update: February 2024

For more information on test use in cystic fibrosis (CF), fragile X syndrome (FXS), and spinal muscular atrophy (SMA), see the following Test Fact Sheets:

[Cystic Fibrosis \(CFTR\) Expanded Variant Panel](#)

[Fragile X Syndrome](#)

[Spinal Muscular Atrophy](#)

## Featured ARUP Testing

[Genetic Carrier Screen, \(CF, FXS, and SMA\) with Reflex to Methylation 3000258](#)

**Method:** Matrix-Assisted Laser Desorption Ionization-Time of Flight (MALDI-TOF) Mass Spectrometry/Polymerase Chain Reaction (PCR)/Capillary Electrophoresis/Multiplex Ligation-Dependent Probe Amplification (MLPA)

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