Where can you get tested?

After discussing with your healthcare practitioner whether or not Genetic Carrier Screening is right for you, a simple blood or saliva can be obtained for testing. The specimen is sent to Medical Diagnostic Laboratories (MDL) where your DNA will be extracted and analyzed using a state-of-the-art technology called Next Generation Sequencing to build a library of the genes of interest. This allows your DNA sequence to be read many times over, sometimes referred to as deep sequencing, so that we can detect, with a very high degree of confidence, all of the DNA variants present that can be inherited.

How is the testing done?

Collecting a specimen is as simple as having blood, ***OneSwab***® or ThinPrep® specimen collected. The sample is then sent to MDL for testing. Results will be sent to your physician upon completion.

Genetic Carrier Screening

Medical Diagnostic Laboratories

Medical Diagnostic Laboratories (MDL), founded in 1997, is a national reference laboratory that specializes in DNA-based testing in women's health. MDL is a CLIA-certified reference laboratory that is also accredited by the College of American Pathologists (CAP).

MDL, a member of Genesis Biotechnology Group® (GBG), is located in Hamilton, New Jersey.

Toll Free 877.269.0090 • www.mdlab.com

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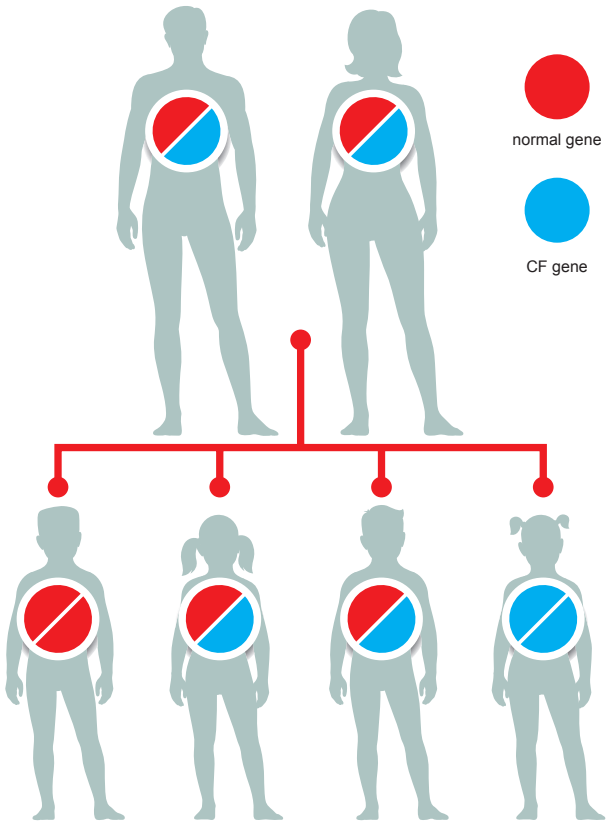
For Your Family's Health

If you are planning a pregnancy, find out if you or your partner carry genetic diseases that could affect your child.

The genes parents pass along to their babies carry family traits such as eye and hair color. They may also pass on genetic disease even if the parents don't have any symptoms. This is called being a "carrier". If both parents are carriers for the same condition, there is a one-in-four chance that their child may develop symptoms.



Why Get Tested?

MDL's Genetic Carrier Screening can help prepare you. If you and your partner are tested and both carry disease-causing variations in the same gene, you can work with your healthcare provider or a genetic counselor before you get pregnant, or early in your pregnancy. The results of the Genetic Carrier Screening test will help you consider your options and make informed choices that are right for you and your family. For example:

- Early identification of a treatable condition allows you to involve a specialist before delivery.
- Early identification of potential inherited diseases may direct healthcare providers to perform prenatal diagnostic procedures.
- Early identification of potential inherited diseases may direct you to consider alternative family planning like adoption or egg or sperm donation.

Genetic Carrier Screening tests look for specific genetic variations responsible for conditions that you could pass on to your child including Spinal Muscular Atrophy and Cystic fibrosis which require lifetime management.

Knowing your results before you get pregnant or early in your pregnancy can make a difference.

- Cystic Fibrosis
- Fragile X Syndrome
- Spinal Muscular Atrophy