**Quick Facts**

- Results are available in 2-3 weeks
- If you are found to be a carrier of a condition, your relatives may also be carriers of the same condition
- Complimentary post-test counseling is available
- This test is covered by most insurance plans
- The Genetic Information Nondiscrimination Act (GINA) protects individuals from discrimination based on genetic testing results and genetic information

**Benefits of Carrier Screening**

Provides information to make informed decisions regarding:

+ Reproductive planning
+ Prenatal testing options
+ Preparation for the birth of a child with a genetic disorder
+ Healthcare options that are most appropriate for you and your family

**Inherited Diseases Covered by ASPIRA GenetiX Screening**

Carrier screening test includes:

+ Cystic Fibrosis
+ Fragile X Syndrome
+ Sickle Cell Anemia
+ Spinal Muscular Atrophy
+ Tay-Sachs
+ Thalassemia (Alpha & Beta)
+ Canavan Disease
+ Bloom Syndrome
+ Wilson Disease
+ Over 320 hereditary conditions

**ASPIRA LABS**

offers Pre and Post Test Genetic Counseling

Personalized Genetic expertise for your patients

**PRE-TEST CONSULTATION**

Talk with a genetic expert by phone or video once your test is ordered. We review personal and family health history, answer any questions you may have, and determine if you meet eligibility for test authorization.

**RESULTS CONSULTATION**

Review test results with a genetic counselor or medical geneticist. During this phone or video session, you are provided an opportunity to discuss the results of the test and their implications.

genomemedical.com/programs/vermillion/

**Payment Options**

ASPIRA LABS® offers payment options to make our testing both affordable and accessible. We offer financial discounts and/or payment plans for costs associated with testing provided by ASPIRA LABS®.

If testing is not covered by your insurance, you will receive a bill for $395. Call ASPIRA LABS® directly to discuss your options at 866.927.7472 or pbenefits@vermillion.com

844.277.4721 • ASPIRALab.com

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Autosomal Recessive Conditions

For most genes we have two copies — one we inherit from our fathers and one we inherit from our mothers. Autosomal recessive conditions will only manifest if both copies of the gene are affected.

X-Linked Conditions

Some disease-causing variants are located on the X-chromosome. Females have two X-chromosomes while males have only one. Males that inherit disease-causing variants on the X-chromosome are always affected, while females are often unaffected carriers.

Know Your Risk

Carrier Screening is designed to identify a potential reproductive risk for a current or future pregnancy. Every person is a carrier for a number of genetic changes that could cause disease in their child. Typically, carriers of a genetic condition are healthy and are not aware of their risk. If their partner is also a carrier for the same condition, they are at an increased risk of having a child affected with a severe genetic condition.

This conditions include:
+ Neuromuscular disorders
+ Respiratory disorders
+ Severe blood disorders
+ Metabolic conditions
+ Intellectual disabilities

The American College of Obstetricians and Gynecologists (ACOG) recommends carrier screening for any woman who is pregnant or planning to become pregnant. If a woman is found to be a carrier for an autosomal recessive condition, testing for her partner is recommended to determine their child’s risk.

There are two types of conditions that are screened by this test: Autosomal recessive and X-linked.

Most people are not aware of their carrier status because they do not have symptoms or a family history of disease.