

Inheritest[®]
CARRIER SCREEN

A first step in
family planning





The Inheritest[®] carrier screen can help your doctor determine if you are at increased risk for having a baby with an inherited disorder, such as cystic fibrosis or spinal muscular atrophy.

WE ALL CARRY GENETIC MUTATIONS

Most babies are born healthy. However, disorders like cystic fibrosis and other genetic conditions can occur. These conditions are caused by mutations in our genes, and every person is estimated to carry three to five of these mutations in their DNA.¹

Carrying a mutation does not typically cause any related disorders for that person, but it can mean that their children are at risk for having a disorder. And this risk exists even when there's no family history of the disorder.

But carrier screening can help determine if your child is at risk, and thereby help ensure you're prepared for both pregnancy and parenthood.

Choice in carrier screening

Inheritest is a helpful step in family planning for you and your reproductive partner.

And Inheritest offers choice in testing, with options that screen from three hereditary disorders to more than 110.

Ask your doctor which panel may be right for you, and visit our website for details on disorders we screen for.

"Prior testing would have helped us prepare emotionally for having a baby with cystic fibrosis, and we could have avoided that first week of Hayden being really sick while we searched for a diagnosis."



— Elizabeth B., Hayden's mom.

The chance you'll have an affected child varies

Autosomal recessive inheritance

Many genetic disorders are inherited through something known as "autosomal recessive inheritance." With autosomal recessive inheritance, both parents must carry the mutation in the same gene in order to have an increased chance (25%) of having a boy or girl affected with a disorder, such as cystic fibrosis.

X-linked inheritance

With X-linked disorders—such as fragile X syndrome, the most common cause of inherited intellectual disability²—only the mother needs to be a carrier in order to have a child with the disorder.

When the mother is a carrier of an X-linked condition, there is a 50% chance of passing this mutation on to a child. While these disorders are seen most commonly in boys, in some cases girls can also show symptoms.

A simple process with speedy results

1. A blood sample is collected from you (and/or your partner).
2. The sample is sent to our laboratory for analysis.
3. In approximately two weeks, your results are returned to your doctor.

If your test shows that you're a carrier, or if you just have questions, your doctor and our genetic counselors can help you better understand your test results and help you find your best family planning path.

Note that a negative result reduces, but does not completely eliminate, the risk of being a carrier of the genetic diseases included in the Inheritest carrier screen. Screening cannot test for all mutations or all diseases.

Pioneering science, personalized service



Cost estimator

Wondering what your out-of-pocket costs may be? Visit integratedgenetics.com and click *Estimate my costs*. Online estimates are available for three Inheritest panels: *Comprehensive*, *Society Guided*, and *Ashkenazi Jewish*.



Convenient blood draws

Getting your blood drawn is easier than ever. As a LabCorp company, we have a nationwide network of patient service centers, allowing for convenient access to sample collection. Visit www.LabCorp.com to find your nearest location.



Genetic counseling

Patients with a positive test result may be offered counseling, and Integrated Genetics offers the largest national commercial network of genetic counselors to help inform and support patients.



Every Mom Pledge

We believe every mom should have access to the best possible care. That's why we work directly with every patient to make sure our testing services are accessible and any out-of-pocket costs are understood.



Toll-free
(within the US)

888.210.9264

www.integratedgenetics.com
3400 Computer Drive
Westborough, Massachusetts 01581

Integrated Genetics is a brand used by Esoterix Genetic Laboratories, LLC, a wholly owned subsidiary of Laboratory Corporation of America® Holdings.



REFERENCES

1. Chong JX, et al. A Population-Based Study of Autosomal-Recessive Disease-Causing Mutations in a Founder Population. *Am J Hum Genet.* 2012 Oct 5; 91(4): 608-Q20
2. Sherman S, Pletcher BA, Driscoll DA. Fragile X syndrome: Diagnostic and carrier testing. *Genetics in Medicine.* 2005;7(8):584-587. doi:10.1097/01.GIM.0000182468.22666.dd.



.....
LabCorp Specialty Testing Group