natera™ | Horizon™
Advanced carrier screening

Because knowing can make a difference

The Horizon™ carrier screen is a DNA screening test that determines your risk of having a child with an inherited genetic condition

What is carrier screening?

Carrier screening is a blood or saliva test performed before or during pregnancy that determines **your chance of passing on an inherited genetic condition** to your child. The test identifies if you carry a gene with a change, or variant, that can impact your child.

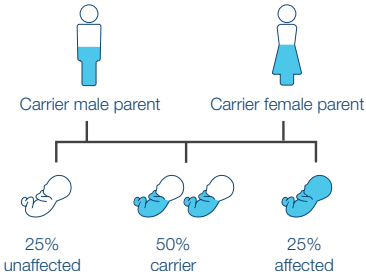
Why get carrier screening?

All of us are carriers of at least one genetic condition.[1] Most carriers are healthy with no family history, but they are at risk of passing on a genetic condition to their child.

Genetic conditions can significantly impact a child's health. Knowing your risk can help you prepare and facilitate your child's early diagnosis and access to treatment, which can often make a big difference in a child's future.

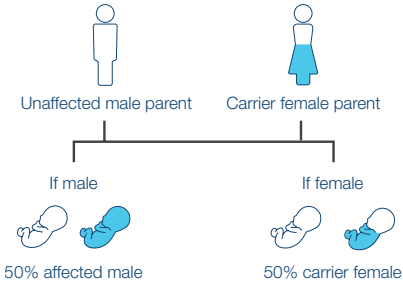
Autosomal Recessive Conditions

- We carry two copies of most of our genes, one inherited from each of our biological parents. Carrier screening tests for genetic conditions that occur when both copies of a gene pair have a change. These conditions are called autosomal recessive conditions, and examples include cystic fibrosis and spinal muscular atrophy. A person is a carrier of the condition if only one copy of the gene has a change.
- Couples who are carriers of the same genetic condition have a **25% (1 in 4)** chance of having an affected child with each pregnancy.



X-Linked Conditions

- Carrier screening also looks for X-linked conditions, such as Duchenne muscular dystrophy. These conditions occur when the female parent is a carrier.
- A carrier female parent has a **50% (1 in 2)** chance of having an affected male child or carrier female child with each pregnancy.



Scan to view the conditions screened by Horizon.

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What can Horizon tell me?

Horizon screens for genes associated with specific inherited genetic conditions.[2] The test determines **your risk of having a child with one of the conditions screened for by Horizon**. Results are typically available in **two weeks**.

Lola's story

Lola was born with spinal muscular atrophy, a rare hereditary condition that occurs when both parents are carriers of a changed or missing gene.

Scan to learn how carrier screening can make a difference.

Why choose Horizon?

What if I'm a carrier?

Most of the conditions screened for by Horizon are autosomal recessive conditions. For these conditions, if you screen positive*, **your reproductive partner should also be tested** to best assess the risk of passing on the condition to your child.

If you screen positive for an X-linked condition, or if you and your reproductive partner both screen positive for a change in the same gene, genetic counseling can be helpful to learn about the condition and understand your risks.

If you're planning to get pregnant

Speak with your clinician to determine next steps and understand your reproductive options, such as prenatal diagnostic testing or opting for in vitro fertilization (IVF) with preimplantation genetic testing (PGT).

*Horizon does not analyze all possible genetic variants for all conditions screened. A negative result means that no genetic variants analyzed for the conditions screened were found. If you screen negative for a genetic condition, your chances of having a child with that condition are small, but not zero; genetic carrier screening cannot detect all disease-causing changes.

Advanced technology

- Horizon is the #1 carrier screen ordered by clinicians.[3] Horizon provides comprehensive screening using the latest technology, including next-generation sequencing.

If you're currently pregnant

Horizon is a **screening test**, which means that it does not make a final diagnosis. You cannot know for sure if your child has that condition based upon screening results. A diagnostic test is required to determine if your child has the condition.

All medical decisions should be made after a discussion with your clinician regarding diagnostic testing during the pregnancy, like amniocentesis or chorionic villus sampling (CVS), or testing the baby after birth.

Speak with your clinician to determine next steps, such as detailed ultrasound, options for prenatal or infant diagnostic testing, and planning for early medical care and treatment.

Unmatched support

- Complimentary genetic information sessions before and after testing are available with Natera's board-certified genetic counselors.
- NEVA, Natera's Educational Virtual Assistant, provides easy, 24-7 access to results, education, and guidance on next steps.

Affordable testing

- Natera is an in-network provider with most major health plans. The cost of Horizon varies according to the test selected and your specific insurance coverage. Most patients receiving reproductive care meet their deductible.
- If you haven't met your deductible, what you pay will go towards that amount, after which insurance begins to contribute to your care.
- If your insurance plan denies the claim, you will be eligible for the discounted self pay price.
- Visit **my.natera.com/billing** to learn more.

Want to learn more? Text the following keywords to 636363

HORIZON to learn more about the test

Watch a short informational video about Horizon carrier screening.

SESSION for genetic information sessions

Schedule a complimentary phone call with a board-certified genetic counselor before or after your test.

COVERAGE for information on coverage and pricing

Natera is an in-network provider with most health plans. Check your coverage, receive a pretest estimate, and learn if you qualify for our Compassionate Care Program.

DRAW for blood draw services

Once you have your test kit, find a local blood draw site or find other blood draw solutions.

If you have any questions about Horizon carrier screening or how to get tested, call us at **844.778.4700**

References

1. Bell et al. *Sci Transl Med.* 2011;3(65):65ra4.
2. Natera. Comprehensive screening options from Horizon. Accessed May 2022. https://www.natera.com/womens-health/horizon-advanced-carrier-screening/what-it-screens/
3. Internal market research and claims data analysis. (Definitive Healthcare, Framingham, MA, Sep 2021).

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