natera™ | Panorama™ Next-generation NIPT | Horizon™ Advanced carrier screening

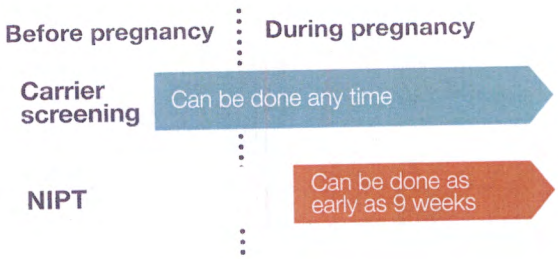
Discover more about your growing family

What is prenatal genetic screening?

Before or during pregnancy, your health care provider may recommend genetic screening. Two types of genetic tests are commonly offered:

Carrier screening is a simple blood or saliva test that checks to see if you are a carrier of one or more autosomal recessive or X-linked genetic conditions. It helps determine your chance of having a child with a genetic condition.

NIPT (non-invasive prenatal testing) uses a blood sample, taken from the pregnant mother's arm, to analyze DNA from the placenta for certain chromosome conditions that could affect a baby's health. NIPT poses no risk to your baby, unlike amniocentesis and CVS (chorionic villus sampling), which carry a slight risk of miscarriage.



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Advanced carrier screening

Why use Horizon carrier screening?

Horizon uses the latest technologies, including next-generation sequencing, to see if you are a carrier for up to 274 genetic conditions.

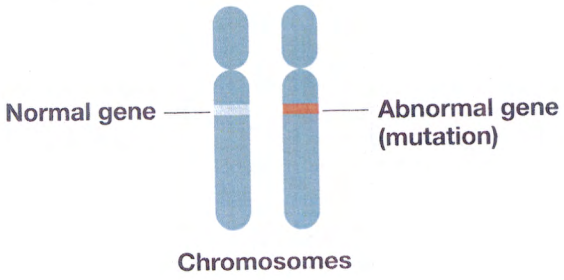
What does Horizon screen for?

Horizon screens for up to 274 autosomal recessive or X-linked genetic conditions, including commonly screened conditions such as cystic fibrosis, spinal muscular atrophy, and fragile X syndrome. Your health care provider will discuss your options and can help you decide the right screening option for you.

What does it mean to be a carrier?

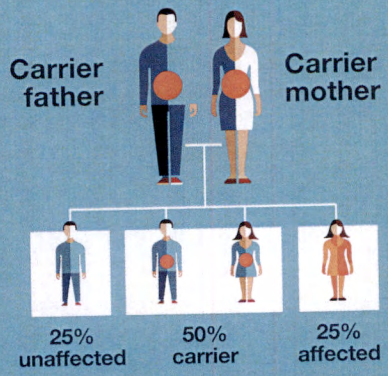
A carrier of a genetic condition has a change (or "mutation") in one gene copy of a pair of genes.

- Most people are carriers of four to six genetic conditions.
- Most carriers are healthy because the other copy of the gene works normally.
- Carriers run the risk of having a child with a genetic condition.



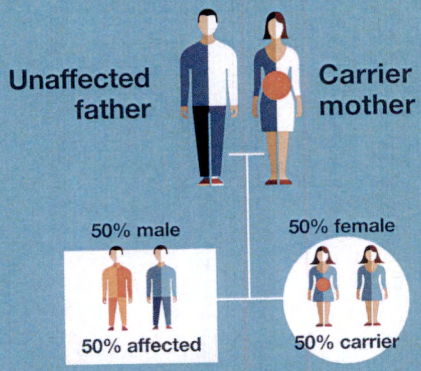
How are genetic conditions passed down from carrier parents to children?

Autosomal recessive inheritance



In cases of autosomal recessive inheritance, carrier couples have a 25% chance with each pregnancy of having an affected child.

X-linked inheritance



In cases of X-linked conditions, a carrier mother has a 50% chance with each pregnancy of having an affected son or carrier daughter.

What do Horizon results tell me, and when?

Results are returned to your provider in about 2 weeks.

A positive result means that a disease-causing mutation was detected. It is important to determine your partner's carrier status to understand the risks of passing a genetic condition to your child.

A negative result means that no mutations for the conditions screened were found. Although a negative result indicates a significantly lower chance of being a carrier, carrier screening cannot detect all disease-causing mutations.

What are my reproductive options if I am a carrier?

If you and your partner are both carriers of the same autosomal recessive condition, or if you are a carrier of an X-linked condition, you may consider:

- **Natural conception**, with an option of prenatal testing such as amniocentesis or chorionic villus sampling for the specific condition
- **In vitro fertilization (IVF)** with preimplantation genetic testing (PGT-M, PGT-A)
  Natera offers Spectrum (PGT-M, PGT-A) testing
- **Use of a sperm or egg donor** who is not a carrier for the condition
- **Adoption**

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Next-generation NIPT

Why screen with Panorama NIPT?

Panorama screens for genetic abnormalities such as Down syndrome and can identify your baby's sex (optional) as early as nine weeks. Panorama is the only NIPT that can tell the difference between the mother's and the baby's DNA. This results in fewer incorrect results and the highest reported fetal sex accuracy compared to other NIPTs.[1–13]

What does Panorama screen for?

Singleton pregnancies

- Trisomy 21 (Down syndrome)
- Trisomy 18 (Edwards syndrome)
- Trisomy 13 (Patau syndrome)
- Triploidy
- Monosomy X (Turner syndrome)
- Sex chromosome trisomies*
- Microdeletions, including 22q11.2 deletion syndrome (optional)
- Sex of the baby (optional)

Twin pregnancies

- Identical or fraternal twins
- Trisomy 21 (Down syndrome)
- Trisomy 18 (Edwards syndrome)
- Trisomy 13 (Patau syndrome)
- Sex of each twin (optional)

If our screening finds that your twins are identical, Panorama can additionally screen for:

- Monosomy X (Turner syndrome)
- Sex chromosome trisomies*
- 22q11.2 deletion syndrome (optional)

Egg donor or surrogate pregnancies

- Trisomy 21 (Down syndrome)
- Trisomy 18 (Edwards syndrome)
- Trisomy 13 (Patau syndrome)
- Sex of the baby (optional)

*Reported when suspected

What do Panorama results tell me, and when?

Results are usually returned to your health care provider in five to seven calendar days. Panorama gives you a personalized risk report and tells you if your pregnancy is at high risk or low risk for screened conditions. A high-risk result does not diagnose the condition–genetic counseling and invasive diagnostic testing, such as amniocentesis or CVS (chorionic villus sampling), should be considered.

How do I get started with Horizon and Panorama?

Horizon and Panorama are available through your health care provider. Not sure if your provider offers Horizon or Panorama? Contact Natera to find out more. **Call: +1 844.778.4700.**

How much are Horizon and Panorama? Are they covered by insurance?

Natera is pleased to be an in-network provider with most health plans, including Aetna, Anthem, Cigna, and UnitedHealthcare. Check out our growing list at www.natera.com/in-network-plans.

The cost of these tests varies according to the screening options or panel selected and to your specific insurance coverage. Based on previously approved claims data, the majority of patients have an out-of- pocket expense between $100 and $200 for each test, once their deductible has been met.*

We are sensitive to the costs associated with planning a pregnancy and are committed to ensuring that every patient has access to our high-quality tests.

*Based on previously approved claims from 2016 to 2017. Some patients will owe more, many will owe less.

Trim this page and share it with your health care provider

How much information would you like about your baby's risk for a genetic condition during pregnancy?

- ☐ I would like to know more about my baby's risk for a genetic condition.
- ☐ I'm comfortable with the information I have already, and I'm not interested in additional testing.
- ☐ I'm undecided and would like to discuss this further.

I would like to discuss the following prenatal genetic screening options further:

☐ **Horizon carrier screen** ☐ **Panorama NIPT**

Information about you to share with your provider

What is your ethnicity (ancestry)?

_____

_____

Do you have a personal or family history of a genetic disorder, chromosomal abnormality, intellectual disability, blood disorder, or early menopause?

☐ Yes ☐ No

If yes, please describe the condition and who is affected:

_____

_____

Have you or your partner had carrier screening done previously?

☐ Yes ☐ No

Did you use or do you plan on using an egg or sperm donor?

☐ Yes ☐ No

Could you and your partner be related to each other by blood (e.g., cousins)?

☐ Yes ☐ No

Take advantage of our supporting services by texting the following keywords to 484848

COMBO to learn more about both tests

Watch a short informational video about Panorama next-generation NIPT and Horizon advanced carrier screening.

DRAW for blood draw services

Once you have your test kit, find a local blood draw site or schedule an appointment with a mobile phlebotomist.

SESSION for genetic information sessions

Schedule a complimentary 15-minute call with a board-certified genetic counselor before or after your tests.

For additional questions about cost estimates or coverage options, or to talk to a representative, call **+1 844.778.4700**

Get started today at Natera's patient portal:
my.natera.com/go

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Conceive. Deliver. Thrive.

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