

Understanding Your Results

High risk for vanishing twin, multiple pregnancy, or triploidy



What do my results mean?

Your results show that your pregnancy has a high risk for vanishing twin, multiple pregnancy, or triploidy. This result **does not** mean that your baby has triploidy, that your pregnancy started as twins, or that you are having more than one baby. To know for sure if any of these things are true in your pregnancy, you would need to have additional testing. You should not make decisions about your pregnancy based only on this Panorama result.

Panorama cannot tell the difference between a vanishing twin pregnancy, a healthy twin pregnancy, and a pregnancy with triploidy. Usually, the Panorama test expects to find one genetic “fingerprint” from you and one from your baby. With a result like yours, Panorama has found another genetic fingerprint but does not know the reason for that additional genetic fingerprint. This is why more testing can be helpful. An ultrasound can tell if you are having more than one baby, and it can often tell if your pregnancy started as twins.



What is a vanishing twin?

A vanishing twin happens when one baby dies during pregnancy, usually very early, and the other baby continues to live. Even though one baby is no longer alive, this baby can affect the results of the Panorama test. When there is a vanishing twin in a pregnancy, Panorama cannot tell if the surviving baby is at low or high risk for chromosome conditions.



What is triploidy?

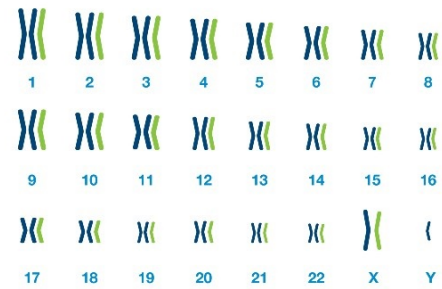
Triploidy is a chromosome condition that occurs in about 1-3% of all pregnancies. Almost all pregnancies with triploidy miscarry early in pregnancy. It is very rare for a baby with triploidy to be born alive. Babies with triploidy that are born alive usually live only a few days.¹



What causes triploidy?

Triploidy usually happens by chance. Parents cannot cause triploidy to happen by anything they do before or during a pregnancy. Triploidy happens when a baby has an extra copy of all of their chromosomes. Chromosomes are tiny structures inside our cells that hold our genes and genetic material. Most people have 46 chromosomes that come in 23 pairs in every cell of their bodies. Babies who have triploidy have three copies of each chromosome, for a total of 69 chromosomes.

Triploidy



Are there risks to my health if I have a pregnancy with triploidy?

Most people carrying a triploidy pregnancy remain healthy. People carrying a triploid pregnancy have a higher chance of getting high blood pressure than other pregnant people.¹



What can I do next?

You should talk to your healthcare provider about these results. It is much more likely that your pregnancy started as twins than that your baby has triploidy. An ultrasound is usually the first place to start. If your healthcare provider does not see more than one baby or signs of a vanished twin, then more testing would be needed to find out if the baby has triploidy. They usually will refer you to a genetic counselor and/or a maternal-fetal medicine specialist to talk about your options for further testing.

There are tests called CVS (chorionic villus sampling) and amniocentesis that can be done during pregnancy. These tests are diagnostic and will tell you for sure if your baby has triploidy or not. Both tests have a small risk of miscarriage.



Where can I find more information?

- Unique (Understanding Rare Chromosome and Gene Disorders) rarechromo.org
- National Organization for Rare Disorders rarediseases.org/rare-diseases/triploidy
- CVS marchofdimes.org/find-support/topics/planning-baby/chorionic-villus-sampling
- Amniocentesis marchofdimes.org/find-support/topics/planning-baby/amniocentesis



NEVA is always available to help you learn about your results. You can connect with Natera's Educational Virtual Assistant (NEVA) by logging into the patient portal at my.natera.com.



If you would like to discuss your results with a Natera genetic counselor, you can schedule a free information session at naterasession.com, by texting **SESSION** to **636363**, or by calling **1.877.476.4743**. Please select **Panorama Non-Invasive Prenatal Chromosome Screening Post-Test** as the appointment type.

You can find a local genetic counselor through the National Society of Genetic Counselors at findageneticcounselor.nsgc.org.



1. Triploidy. National Organization for Rare Disorders. Last Update 2020. <https://rarediseases.org/rare-diseases/triploidy/> Accessed February 3, 2022.