

POC

Products
of Conception
Testing

Identifying
the cause
of a miscarriage
can help inform
future planning





50%

**of miscarriages
in the first
trimester
are caused by
chromosomal
abnormalities**

Understanding why miscarriage happens can help you plan the next steps

Miscarriage in the first trimester is, unfortunately, common. In around 50% of cases, it is caused by chromosomal abnormalities. This figure rises to over 60% in women undergoing assisted reproductive treatment.

Every cell in the human body contains 46 chromosomes, arranged in 23 pairs. One chromosome in each pair is inherited from the mother and the other from the father. When there is an extra chromosome, a missing chromosome, or a structural change in chromosomal material, normal development may not be possible, which can lead to miscarriage.

The Product of Conception (**POC**) test from Igenomix analyzes fetal tissue using advanced next-generation sequencing (NGS) technology. This test helps determine whether a chromosomal abnormality was the cause of the miscarriage, providing clear information that may help guide future family-planning decisions.

(Martinez et al., 2010; Campos-Galindo et al., 2012)



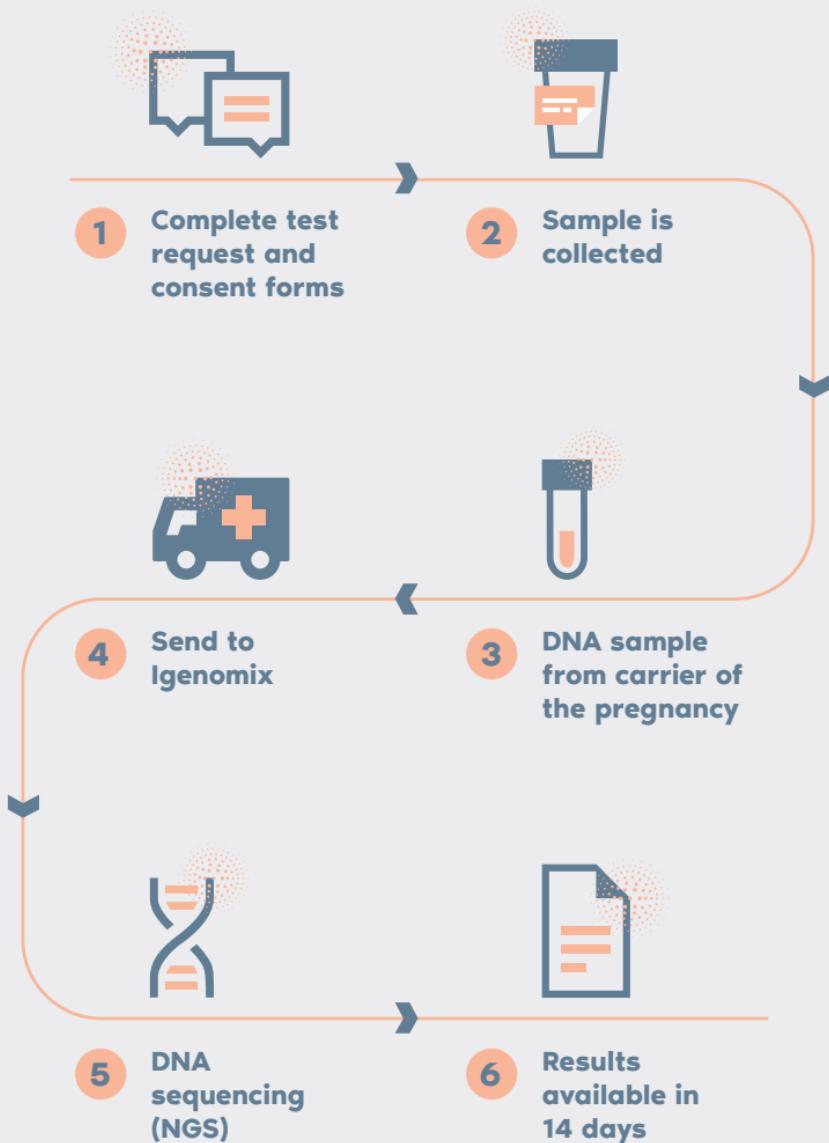
Benefits of the POC test

- **Reliable:** Results are obtained in 99% of cases¹, with 86.4% confirmed as fetal in origin, providing dependable insights you can trust.
- **Fast:** Results are typically available within 14 days, compared with around one month for conventional testing methods.
- **Accurate Fetal Analysis:** A DNA sample from the carrier of the pregnancy is used to rule out maternal cell contamination, ensuring the results reflect fetal tissue.

The **POC** test provides genetic information that enables appropriate reproductive counseling to help you plan any future pregnancies.



Test procedure



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