

**POC testing  
may help you  
determine the  
cause of your  
miscarriage**

**POC**  
Products of  
Conception  
by **Igenomix**

**Igenomix**<sup>®</sup>  
WITH SCIENCE ON YOUR SIDE

# If you have suffered repeated miscarriages, **you probably want to understand why and if there are ways to reduce the chance for additional losses.**

Miscarriages in the first trimester of pregnancy are common; 50% are caused by chromosomal abnormalities. In patients undergoing assisted reproductive treatment >60% of first trimester losses are due to chromosomal abnormalities.

Each cell of the human body typically contains 46 chromosomes or 23 pairs of chromosomes. One copy from each of the 23 pairs came from the mother or the egg source and the other copy of each pair was contributed from the father or the sperm source.

Missing or extra chromosomes can result in miscarriage. The POC (Products of Conception) test by Igenomix is an advanced analysis of fetal tissue using NGS technology that can determine if the miscarriage was caused by a chromosomal abnormality.

If it is determined that your pregnancy loss was due to a chromosomal abnormality, your doctor may be able to recommend treatment to reduce the risk for chromosome imbalances in future pregnancies.

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



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# Benefits of our POC test

- **Reliable:** Results are obtained in 99%<sup>1</sup> of cases, versus 58%<sup>2</sup> with conventional tests.
- **Fast:** Results in 7 days, versus 1 month for conventional tests.
- **Rules out maternal contamination:** a blood or cheek swab sample from the mother verifies that the analyzed tissue is fetal in origin.

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



(1): Internal data

(2): Robberecht, et al. Prenat Diagn, 2012

# Test procedure



**1** Complete test request and consent forms



**2** Sample is collected



**4** Send to Igenomix



**3** Maternal blood draw or cheek swab



**5** DNA sequencing (NGS)



**6** Results available in 7 days



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