



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

POC
Products of
Conception
by **Igenomix**

Igenomix[®]
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)



50%

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

Benefits of our POC test

- **Reliable:** Results are obtained in 99%¹ of cases, versus 58%² 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



Igenomix[®]
WITH SCIENCE ON YOUR SIDE

www.igenomix.com