

## The POC test is an advanced analysis of fetal tissue using NGS technology that helps determine if the miscarriage was caused by a chromosomal abnormality.

- 24 chromosomes are screened to identify the reason for the miscarriage.
- The genetic study of fetal tissue is a valuable tool to determine the cause of the miscarriage, which enables appropriate reproductive counselling for the couple.

**About 50% of miscarriages in the first trimester of pregnancy are caused by chromosomal abnormalities (aneuploidy).**

**This increases to >60%** among women who have undergone assisted reproduction treatment (ART).

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





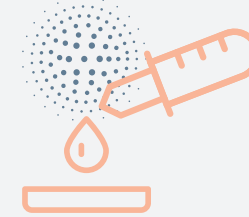
### RELIABLE

Results are obtained in 99% of cases, versus 58% in conventional tests.



### FAST

Results in 14 working days, versus 1 month for conventional tests.



### RULES OUT MATERNAL CONTAMINATION

A blood sample from the mother verifies that the analyzed material is fetal in origin.

| CONVENTIONAL KARYOTYPING         | POC WITH NGS TECHNOLOGY  |
|----------------------------------|--|
| Requires cell culture            | No cell culture required                                       |
| Results in 1 month               | Results in 14 days   |
| Results obtained in 58% of cases | Results obtained in 99% of cases                               |
| Requires cell culture            | 33.3% are false negative results due to maternal contamination |