

Pregnancy Loss



What is PregnancyLoss?

It is an advanced test that **allows to determine if there is an underlying genetic cause** in cases of spontaneous pregnancy loss.

PregnancyLoss can be performed from the 5th week of gestation, providing essential **information for reproductive genetic counselling**, establishing the risk of presenting the same alteration in future pregnancies.

Both numerical and structural chromosomal abnormalities are the most frequent cause of spontaneous miscarriage

Who is it suitable for?

Pregnancies in which there has been a spontaneous interruption of fetal development, anembryonic sacs, lack of fetal heartbeat or miscarriage in progress.

What information does it provide?

The test analyses the following fetal chromosomal alterations which may cause miscarriage:

- **Deletions and duplications (CNVs) greater than 7Mb in autosomal chromosomes** affecting part of a chromosome, including unbalanced translocations.
- **Aneuploidies in all chromosomes**, these alterations affect the total number of fetal chromosomes.

Why is it recommended?

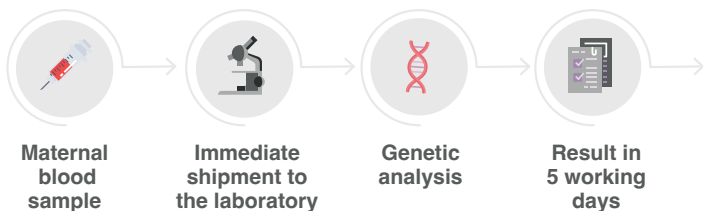
To determine the possible genetic cause in case of miscarriage, until now cytogenetic studies are performed on products of conception. These studies have a high failure rate due to maternal contamination and cell culture failure.

PregnancyLoss is performed with a maternal blood sample by NGS technology; it has no risk of maternal contamination and does not require cell culture, thus maximizing informative results.

Knowing the cause of the fetal loss in the first pregnancy allows to receive reproductive genetic counselling and reduces the risk of miscarriage in subsequent pregnancies.

What type of sample is needed?

The test is performed with a simple maternal blood sample and it must always be prescribed by a specialist. Once the sample arrives at the laboratory the result is available within **5 working days**.



When should the sample be taken?

It should be taken as soon as possible after the miscarriage is confirmed, always before the curettage is performed.

Veritas was founded in 2018 by Dr. Luis Izquierdo, Dr. Vincenzo Cirigliano and Javier de Echevarría, who accumulate extensive experience in the field of genetics, diagnostics and biotechnology. Initially linked to Veritas Genetics, a company founded in 2014 by Prof. George Church, one of the pioneers in preventive medicine, Veritas was born with the aim of making genome sequencing and its clinical interpretation available to all citizens as a tool to prevent diseases and improve health and quality of life.

Since its inception, Veritas has led the activity and development in the markets in which it operates, with the goal of turning genomics into a daily instrument at the service of people's well-being.

In March 2022 Veritas announces that it will become part of LetsGetChecked, a global healthcare solutions company based in Dublin and New York.



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