zenit
by NACE

Igenomix®
WITH SCIENCE ON YOUR SIDE

# For those who want to know more

Approximately
**1/80**
pregnancies could be affected by one of the **conditions analysed by Zenit by NACE**

**Zenit is an advanced non-invasive test that offers a new dimension in prenatal screening.**

**Zenit offers the widest coverage of pregnancy risk classification.**

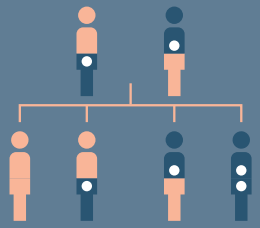
In addition to analysing the risk of chromosomal abnormalities in the foetus, Zenit studies 113 pathogenic monogenic disorders.

*Panel recommended by the American College of Medical Genetics and Genomics (ACMG)*

See the full list of genes at: **https://www.igenomix.es/servicios/zenit**

## 1. Cytogenetic screening

Studies the presence of deletions/duplications in the 24 chromosomes with a **resolution similar to a karyotype.**



## 2. Screening for heritable mutations

Evaluates an extended panel of **113 genes associated with recessive disorders.**

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## Indications

**Zenit** is indicated:

**For all women who want to have as complete an understanding of pregnancy risk as possible.**

*3-4%

of all babies are born with some type of

**genetic disorder**

# What can be detected with the current tests available?

zenit by NACE

**x5**

detection capability compared to basic panels

## More comprehensive tests

**Basic tests**
(5 chromosomes)

- Down Syndrome
- Edwards' Syndrome
- Patau's Syndrome
- Sex chromosomes

- **Down Syndrome**
- Edwards' Syndrome
- Patau's Syndrome
- Sex chromosomes
- Remaining chromosomes
- Some microdeletions and microduplications
- Some de novo mutations

## What does it analyse?

- Down Syndrome
- Edwards' Syndrome
- Patau's Syndrome
- Sex chromosomes
- Remaining chromosomes
- Deletions/duplications >7MB
- 113 genes associated with recessive disorders

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*https://www.eurordis.org/IMG/pdf/princeps_document-EN.pdf

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# Benefits of the Zenit test by Nace

Includes pre- and post-test genetic counselling

Improves ongoing pregnancy management

Early detection of genetic conditions not screened for by other screening methods

Indicates whether parents are carriers of some of the genetic mutations screened for

Reduces unnecessary invasive testing

Allows the development of a medical care plan and birth plan appropriate to the patient's needs

Planning for future pregnancies resulting in a healthy baby

Results:
15 working days

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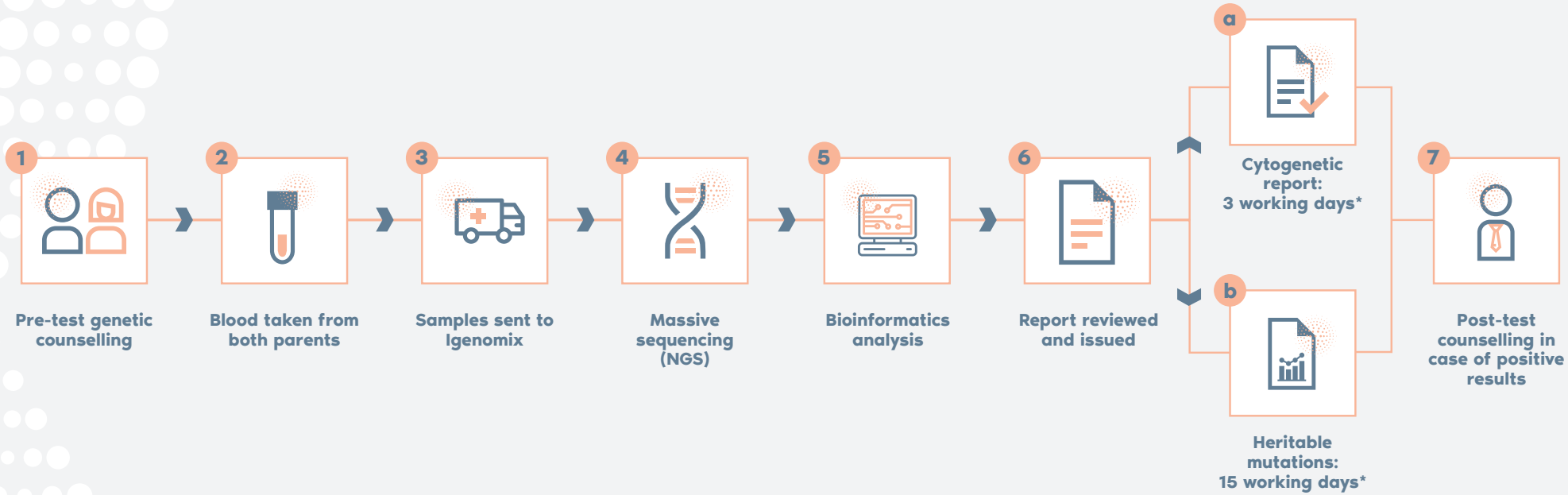
# Workflow

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*From date sample is received at Igenomix

Contact your local Igenomix representative to find out more information about the test or contact us via **prenataldiagnosis@igenomix.com** or **+34 96 390 5310**

Find out more on our website **www.igenomix.es**

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