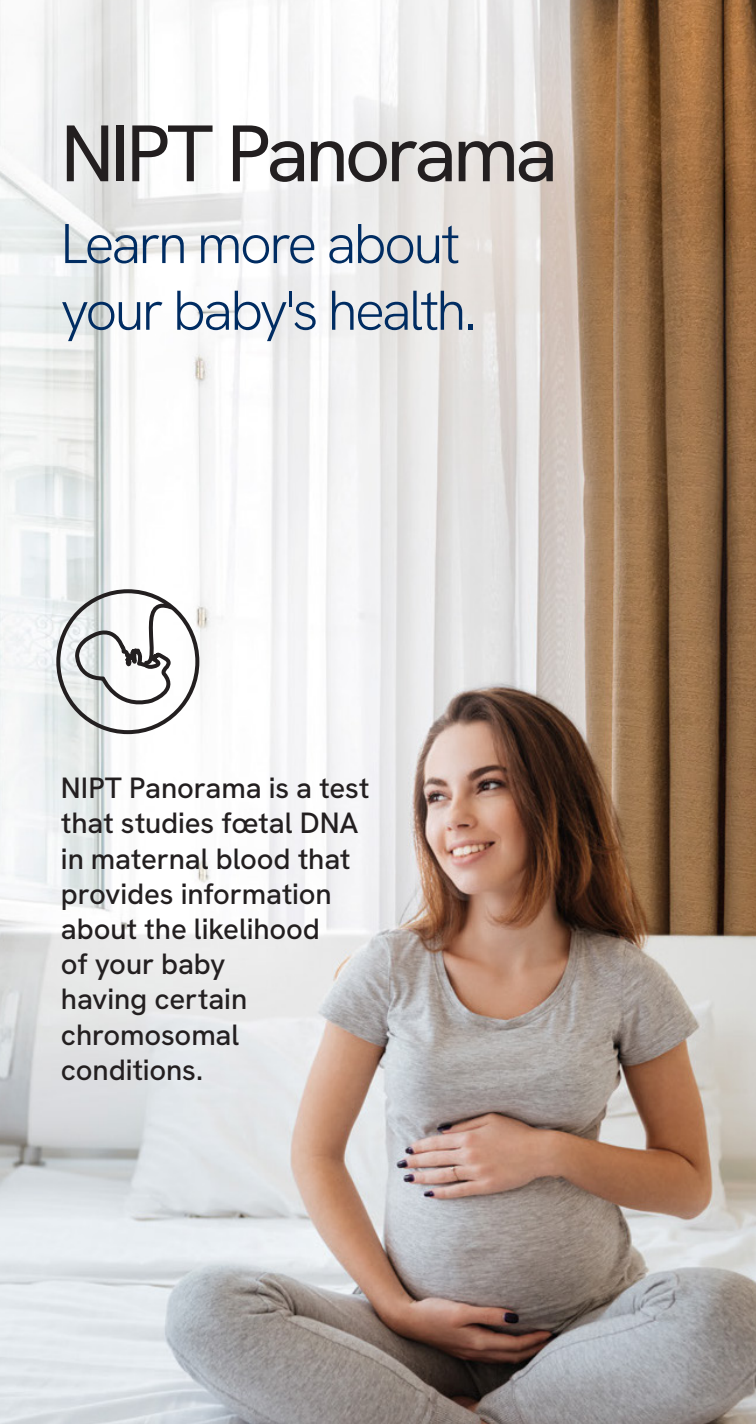
NIPT Panorama

Learn more about your baby's health.



NIPT Panorama is a test that studies fœtal DNA in maternal blood that provides information about the likelihood of your baby having certain chromosomal conditions.

LABORATORIO ECHEVARNE

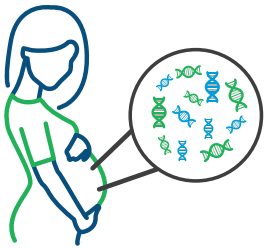
What is Panorama NIPT and how can it help you during pregnancy?

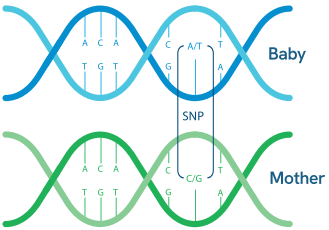
Noninvasive Prenatal Testing is a test performed on maternal blood that studies foetal DNA and provides information on the risk that your baby has certain chromosomal disorders.

- → It is a safe, non-invasive test that evaluates your baby's risk.
- → The results are more accurate and reliable than those obtained from maternal serum screening.
- → As early as nine weeks gestation.
- → It only requires drawing blood from the pregnant woman.
- → It does not pose any risk to the baby.

Why choose Panorama NIPT?

Panorama NIPT is the only test that distinguishes between maternal and foetal DNA. It analyses the DNA "letters" that differentiate us (Single nucleotide polymorphism (SNP)).





Next generation sequency technology and the application of Artificial Intelligence validated in the largest prospective treatment ever: SMART. This means:

- → Fewer false positives and false negatives.
- → More reliable for determining sex.
- → Capacity to detect Triploid syndrome.
- → Increased 22q11.2 deletion detection accuracy.

Which conditions CAN the test detect?

It analyses the most common chromosomal conditions that can occur in pregnancy.

Condition	NIPT	NIPT PLUS	EXTENDED NIPT
▪ Down syndrome (trisomy 21) ▪ Edwards syndrome (trisomy 18) ▪ Patau syndrome (trisomy 13) ▪ Triploid syndrome (69 chromosomes)** ▪ Fœtal sex	✓	✓	✓
▪ Turner syndrome (X0)** ▪ Sex Chromosome Trisomy*: – Klinefelter's Syndrome (XXY) – Jacob's Syndrome (XYY) – Triple X Syndrome (XXX) ▪ 22q11.2 deletion syndrome**	–	✓	✓
▪ Additional microdeletions**: – Angelman Syndrome – Prader-Willi Syndrome – Cri-du-chat Syndrome – 1p36 deletion syndrome	–	–	✓

* Not valid for ovodonation and non-identical twins. Reports only if detected.
** Only for single pregnancy.

What are microdeletions?

A microdeletion is the absence of a small piece of chromosome. Unlike Down Syndrome, which is more common in women aged 35 and over, microdeletions occur with the same frequency at any age.

If you are pregnant with twins,

we will provide you with more comprehensive information.

- ✓ Each baby's sex.
- ✓ Each baby's foetal fraction.
- ✓ Zygosity (whether or not the twins are identical).

Most results are returned within eight business days[1].

1. From the arrival of the sample at the laboratory.

Limitations:

- Twin pregnancy from ovodonation, evidence of evanescent twins (vanishing twin syndrome) or if you have received a blood transfusion or bone marrow transplant within the last six months. We have the NIPT Special Cases Test for cases like these (ask the Laboratory).
- It may not detect fœtal mosaicism of trisomies, partial alterations of the chromosomes studied or all deletions associated with each microdeletion syndrome.

What results might I obtain?

You will receive a personalised report which indicates whether your pregnancy is high or low chance for any of the conditions tested for.

LOW RISK	It means that it is highly unlikely that your baby has any of the conditions tested for.
HIGH RISK	A low risk means that the chance your baby has one of the conditions tested for is very unlikely.

In case of a high risk result:

- If the NIPT Panorama test gives a high risk result, talk to your doctor to discuss next steps and the option of invasive diagnostic tests such as amniocentesis or chorionic villus sampling.
- A definitive diagnostic test on amniotic fluid is required for confirmation.
- Laboratorio Echevarne offers, included in the price of the Noninvasive Prenatal Test, the QF-PCR diagnostic test or the CarioChip® Prenatal molecular karyotype.

Panorama is the most ordered NIPT in the world, with AI technology.

- Increased 22q11.2 deletion detection accuracy.
- Rigorous scientific validation.
- Ten years of analytical experience.

Non-invasive prenatal testing

See our website for more information about the test:

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