

# eluthia

prenatal care

From EUR 299



## NIPT Extended

Optimised for screening for:  
Microdeletions, maldistributions of sex  
chromosomes, and twin pregnancies

**Eluthia: Your specialised laboratory  
for non-invasive prenatal testing**

## Congratulations on your pregnancy!

The majority of pregnancies result in a healthy baby. However, since there is a small risk of deformities, your gynaecologist will perform an ultrasound examination on you. Various genetic abnormalities are difficult or impossible to find on the ultrasound scan. Non-invasive prenatal tests (NIPTs), which can detect certain deviations, can therefore complement the ultrasound examination.

In this brochure, we would like to introduce you to the NIPT Special.

### How do NIPTs work?

During pregnancy, small fragments of your baby's DNA, or more precisely from the placenta, can be found in your blood. By analysing these DNA fragments, the NIPT can determine the risk of your child being affected by one of the genetic changes tested for. Although NIPTs are very safe, in rare cases an NIPT may identify an increased risk of a genetic abnormality even though the child may not have such an abnormality. Therefore, test results showing an increased risk are usually confirmed with a diagnostic test. In far rarer cases, it may also be the case that a low risk is falsely indicated for an affected child.

### What can the NIPT Extended (Panorama™) do?

The Panorama™ test is based on the unique "SNP technology". This makes the test the only NIPT that can distinguish between maternal and fetal DNA and is particularly suitable for detecting sex chromosome maldistributions and microdeletions.

In the case of twin pregnancies, Panorama provides additional important information that is not provided by any other NIPT: clarification whether the twins are monozygotic (identical) or dizygotic, separate sex determination and separate fetal fraction for both twins.

### How does the test work?

Your blood sample will be collected at the clinic by our courier and analysed in cooperation with our partner laboratory Zotz Klimas (Düsseldorf).

The result of the test is usually available 9-12 days after receipt of the sample, and is sent to your doctor immediately. Your gynaecologist will then discuss the result with you.

\*The 22q11.2 microdeletion is the second most common genetic abnormality after trisomy 21.

## How accurate is the test?

An analysis of 1.3 million sex determinations already performed with Panorama suggests that the test provides by far the most accurate results (less than 1 error per 100,000 analyses).

## What options are available?

**Panorama™ Basis:** Screening for trisomies 21, 18 and 13 and the maldistribution of sex chromosomes (**EUR 299**).

**Panorama™ High:** Additional screening for the 22q11.2 microdeletion (**EUR 319**).

**Panorama™ Premium:** Additional screening for 4 further clinically relevant microdeletions (**EUR 449**).



**Panorama™**  
Next-generation NIPT

Bitte beachten Sie zusätzlich zu dieser Broschüre auch unsere Aufklärungsbroschüre.

## Why choose Eluthia?

Eluthia is an independent laboratory based in Giessen. We specialise in non-invasive prenatal testing (NIPT) and offer customised testing options for you and your baby.

As we do not belong to any laboratory chain and are not contractually bound, we can offer you globally unique NIPT solutions. Our well-connected team of experts (biologists, human geneticists, gynaecologists and prenatal physicians) is in contact with numerous laboratories at home and abroad in order to always be able to offer you the most advanced and safest tests.

Our aim is to be able to offer every pregnant woman the test that is most suitable for her.

We strive to offer you the best service at all times. If you have any questions or suggestions, or if you are not satisfied with one of our services, we would be pleased to receive your feedback.

# Contact us!

You can find more information online at:

[www.eluthia.com/panorama](http://www.eluthia.com/panorama)



Contact our team:

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We are looking forward to your call!

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