CENTOGENE
THE RARE DISEASE COMPANY

Patient Information

Non-invasive Prenatal Testing

CentoNIPT®

Expertise You Can Trust

About CENTOGENE

We are experts in genetic testing and a global leader in the diagnosis of rare genetic diseases. We conform to the highest standards for diagnostic testing and reporting and hold multiple international accreditations (ISO, CAP and CLIA).

CentoNIPT® is performed, analyzed and supported by our team of highly experienced laboratory scientists and genetic clinicians. Our medical expertise is ideally suited to provide you with reliable, well supported result interpretation.

Worldwide, **more than 850,000 individual patients from over 120 countries** trust CENTOGENE.

How Does Non-invasive Prenatal Testing Work?

Small amounts of a baby's DNA pass into the bloodstream of the mother during pregnancy. New technology allows us to analyse this DNA directly from the mother's blood and screen for chromosomal abnormalities. Initial screening with CentoNIPT can help to avoid this potentially unnecessary and invasive testing. **There is no risk to mother or baby and CentoNIPT provides the earliest testing available.**

A single blood sample, collected by your physician, is sent to our laboratory for analysis. Test results are typically provided to your physician within 5 business days of sample receipt at CENTOGENE.

CentoNIPT – Illumina VeriSeq™ NIPT

During pregnancy, chromosomal abnormalities can arise in the developing embryo as a result of incorrect egg or sperm formation, or during the earliest stages of the embryonic development. These chromosomal abnormalities can significantly affect the health and well-being of a baby and it is important to identify any abnormalities as early as possible.

CentoNIPT delivers a clear positive or negative result for chromosomal abnormalities where an extra copy of one chromosome is present (Trisomy). Down syndrome, the most common chromosomal abnormality, can be detected with an accuracy rate of >99.9 %.

CentoNIPT also screens for changes in the number of X or Y chromosomes. The test is also suitable if you are pregnant with twins.**

* Sample preparation and analysis software are CE-IVD marked
** Gonosomal aneuploidies cannot be detected for twin pregnancies

Find out more
about CentoNIPT

What Does CentoNIPT Screen For?

- **Down syndrome** (Trisomy 21):
  affects 1 in 1,000 live births
- **Edwards syndrome** (Trisomy 18):
  affects 1 in 3,000 – 6,000 live births
- **Patau syndrome** (Trisomy 13):
  affects 1 in every 5,000 live births

The Test Can Also Detect Abnormalities of the Sex Chromosomes:

- **Turner syndrome** (Monosomy X)
- **Klinefelter syndrome** (XXY)
- **Jacobs syndrome** (XYY)
- **Triple X syndrome** (XXX)

What Will the Results Tell Me?

The results will show whether any of the described chromosomal abnormalities have been detected in your baby. If the results are normal, this will provide you with the reassurance that these most common genetic abnormalities are not present.

+ If the NIPT is positive for a chromosomal abnormality, your physician will offer you additional testing for confirmation of test results and refer you for genetic counseling to discuss the implications and choices available for you and your baby.

Why Should You Choose CentoNIPT?

- ✓ Completely safe for you and your baby
- ✓ Highest test accuracy
- ✓ Test from the 10th week of pregnancy*
- ✓ Only a single blood sample required
- ✓ Results provided 5 business days of sample receipt

* Please note that in Germany, fetal gender may only be disclosed to the pregnant woman after the end of the 12th gestational week post-conception and with her consent (§ 15 para. 1 of the Genetic Diagnostics Act). Please ensure that you comply with your local laws regarding this matter.

For More Information
centogene.com

For Ordering
centoportal.com

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CENTOGENE GmbH is a subsidiary of CENTOGENE N.V.

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Note: CentoNIPT is unavailable in the U.S.

POWERED BY illumina®

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