Testing options

	BASIC	STANDARD	PLUS	PRO
MOST COMMON TRISOMIES				
Down syndrome (trisomy 21)	✓	✓	✓	✓
Edwards syndrome (trisomy 18)	✓	✓	✓	✓
Patau syndrome (trisomy 13)	✓	✓	✓	✓
SEX CHROMOSOME ANEUPLOIDIES				
Turner syndrome (monosomy X)		✓	✓	✓
Klinefelter syndrome (trisomy XXY)		✓	✓	✓
Triple X syndrome (trisomy XXX)		✓	✓	✓
Jacobs syndrome (XYY syndrome)		✓	✓	✓
ALL OTHER AUTOSOMAL ANEUPLOIDIES				
Trisomy 9, 16, 22			✓	✓
All other trisomies*			✓	✓
All autosomal monosomies*			✓	✓
DELETIONS/DUPLICATIONS				
60 syndromes			✓	
92 syndromes				✓
All other microdeletions/duplications*			✓	✓
TWINS**	✓			✓
GENDER IDENTIFICATION***	✓	✓	✓	✓

* In case the patient chooses incidental findings (deletions and duplications bigger than 5 M base pairs, 3 M base pairs in case of named 92 syndromes in PRO package)
** For twin pregnancies PRO package is available without sex chromosome aneuploidies.
*** Y chromosome detection for twin pregnancies.

Did you know?

NIPT PRO

tests for the smallest deletion and duplication syndromes
≥3 M base pairs

MAMA CLUB

Join GenePlanet Moms and receive exclusive offers and pregnancy tips
FOR FREE

Want to find out more about all tested conditions?

I'm interested in NIPT by GenePlanet test. What's my next step?

Schedule for the test

Provide a **blood sample** at the chosen clinic

Get **results** from the gynecologist who performed the test

GenePlanet services and materials are not a substitute for medical advice, diagnosis, or treatment. The NIPT by GenePlanet test can only be administered by a qualified healthcare professional. The NIPT by GenePlanet analysis is carried out in our laboratory.

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NIPT

Non-invasive prenatal test analysing the whole genome

What is NIPT by GenePlanet?

It is a simple, safe, and very accurate non-invasive prenatal test (NIPT), with which you can check the risk of your baby having the most common chromosome abnormalities, such as **Down, Edwards, Patau syndrome and others**.

Because during pregnancy, the mother's blood contains both her and her fetus' DNA, the test requires only a **small blood sample** from the mother's arm.

Join over 10 million moms-to-be who already trust the NIPT by GenePlanet technology and spend pregnancy with one worry less.

Why GenePlanet?

Our own **EU-based NGS laboratory** ensures quality and data security

Whole-genome sequencing technology

Over **150,000** tests performed in GenePlanet region

Recommended by **2,500+ gynaecologists** across **20+ countries**

For high-risk NIPT results, we cover confirmatory test costs

Why choose NIPT by GenePlanet?

- Available from **week 10 of pregnancy**
- Suitable for **any woman** – regardless of age or the predetermined genetic risk
- Suitable also for **twin pregnancies, in vitro fertilization, pregnancies with a donated egg cell, and for women with a history of recurrent miscarriage**
- **No risk of pregnancy loss** as per invasive procedures
- More than **99% sensitivity and specificity** for detection of most common trisomies
- **Most accurate** among prenatal screening methods, especially when combined with nuchal translucency
- World's **largest clinical validation study**
- Can also reveal the **baby's gender**
- Test results in **6-10 working days**

What can we test with NIPT by GenePlanet?

Each cell in our body contains 46 chromosomes arranged into 23 pairs, half inherited from the mother and half from the father: 22 pairs of non-sex chromosomes (autosomes) and 1 pair of sex chromosomes.

NIPT by GenePlanet checks **all of the baby's 46 chromosomes** and allows screening for:

Suitable for ALL PREGNANT WOMEN

1. Abnormalities in the NUMBER of chromosomes: ANEUPLOIDIES

MONOSOMY: a single copy of a chromosome instead of the usual pair
TRISOMY: three copies of a chromosome instead of the usual pair

Among the most common ones:
- Trisomy 21 (Down Syndrome)
- Trisomy 18 (Edwards Syndrome)
- Trisomy 13 (Patau Syndrome)

Risk increased with advanced MATERNAL age

2. Abnormalities in the STRUCTURE of chromosomes

DELETION: loss of a chromosome fragment
DUPLICATION: doubling of a chromosome fragment

No correlation with PARENTAL age