



# Non-Invasive Prenatal Testing

## What is Non-Invasive Prenatal Testing?

Non-Invasive Prenatal Testing, or NIPT, is a blood test performed during pregnancy that...

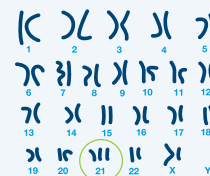


- Tells whether your baby has a high or low chance of having certain chromosomal conditions, along with providing your baby's sex.
- Can screen for Trisomy 21 (Down syndrome), along with other chromosomal conditions that involve intellectual disability and health complications that may require medical intervention and shorten lifespan.

## What is a chromosomal condition?

DNA contains the genetic information that tells our bodies how to function. Chromosomes are the packages that store DNA in our cells. A person usually has 46 chromosomes grouped into 23 pairs. One chromosome in each pair comes from each parent.

- Chromosomal conditions occur when there is an extra or missing chromosome
- Chromosomal conditions are not usually inherited and occur by chance at conception



Trisomy 21, or Down syndrome, is caused by an extra copy of chromosome 21

## Why choose NIPT?

NIPT is an accurate, non-invasive way to determine your baby's chance of having common chromosomal conditions.

If results are **high risk**, speak with your provider to determine **next steps**, such as genetic counseling, detailed ultrasound, and the option of diagnostic testing. No irreversible decisions should be made based on the results of any screening test.



If results are **low risk**, having a baby with a chromosomal condition is **highly unlikely, but still possible**.



## How does NIPT compare with other prenatal chromosome tests?

### NIPT

- Blood test evaluating DNA, **no risk to baby**
- Performed as early as **9 weeks of pregnancy**
- **Most accurate and comprehensive** screening test

### Maternal Serum Screening

- Blood test measuring hormones, no risk to baby
- Performed only at specific times in 1st or 2nd trimester
- High false positive rate, misses more at-risk pregnancies

### Diagnostic Testing (CVS or Amniocentesis)

- Invasive procedure, small risk of miscarriage
- Performed typically between 12-20 weeks of pregnancy
- Definitive and comprehensive results