

IS THERE AN AGE LIMIT FOR **VERACITY**?

No. All pregnant women of any age or risk category can do the VERACITY test. Although the frequency for such genetic conditions rises with the mother's age, they can happen in any pregnancy. Your doctor will inform you about the level of your risk.

HOW EARLY IN MY PREGNANCY CAN I TAKE THE **VERACITY** TEST?

One of the advantages of VERACITY is that you can take the test as early as the 10th week of your pregnancy and quickly obtain accurate results!

WHY SHOULD I CONSIDER **VERACITY**?



HIGHLY ACCURATE
>99% detection rate



SAFE
No risk of fetal miscarriage



FAST
Can be done from 10 weeks
Results in 4-7 working days

HOW CAN I TAKE THE **VERACITY** TEST?



**BE AT LEAST
10 WEEKS PREGNANT**



**ASK YOUR DOCTOR ABOUT
TAKING VERACITY**



**VISIT YOUR DOCTOR TO HAVE A
SINGLE BLOOD DRAW**



**WE WILL ANALYZE THE BLOOD
SAMPLE IN OUR LABORATORIES**



**WE WILL SEND YOUR RESULTS TO
YOUR DOCTOR IN 4-7 WORKING DAYS**

MORE **QUESTIONS**?

If you have additional questions or concerns, please ask your doctor. You can also contact us:



NIPD Genetics Public Company Ltd
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NIPD GENETICS
VERACITY[®]
new generation NIPT

Delivering results
you can trust

ACCURATE | SAFE | RELIABLE

HOW DOES VERACITY WORK?

During pregnancy, fetal DNA travels from the placenta to the mother's blood stream and circulates along with her own DNA.

VERACITY is a new generation non-invasive prenatal test that accurately measures the fetal cell-free DNA in the maternal blood to detect the presence of fetal aneuploidies.

The doctor or lab collects a blood sample from the mother's arm and sends it to our state-of-the-art laboratories for analysis. At the laboratory, cell-free DNA is isolated from the mother's blood and analyzed using our proprietary, new generation analytic and bioinformatic technology. Results are provided to your doctor in a few working days.



WHAT SHOULD I ASK MY DOCTOR?

WHAT IS A PRENATAL TEST?

It is a test that a pregnant woman can take to check for genetic conditions of the fetus before birth.

WHAT TYPES OF PRENATAL TESTS ARE AVAILABLE?

During the first trimester, you will be offered a screening test which includes an ultrasound and a biochemical blood test. In combination with other parameters such as the mother's age, the risk of specific genetic conditions occurring in the fetus is estimated without actually testing fetal DNA. The accuracy of this screening test is low (80 – 95%).

If the prenatal screening indicates that the fetus has a high risk of having a genetic condition, your doctor will recommend an invasive test such as amniocentesis or chorionic villus sampling. These invasive tests are highly accurate (>99%) but they have approximately 1 in 200 chance of causing a miscarriage.

Now, with VERACITY, you have the option of taking a highly accurate (>99%) and safe non-invasive prenatal test.

WHAT DOES VERACITY TEST FOR?

VERACITY detects the most common fetal aneuploidies - genetic conditions that occur when there is an abnormal number of chromosomes:

AUTOSOMAL ANEUPLOIDIES

- Down syndrome** (*Trisomy 21*)
- Edwards syndrome** (*Trisomy 18*)
- Patau syndrome** (*Trisomy 13*)

SEX CHROMOSOME ANEUPLOIDIES

- Turner syndrome** (*Monosomy X*)
- Triple X syndrome** (*Trisomy X*)
- Klinefelter syndrome** (*XXY*)
- Jacobs syndrome** (*XXY*)
- XXYY syndrome**

MICRODELETIONS

- DiGeorge syndrome** (*22q11.2*)
- 1p36 deletion syndrome** (*1p36*)
- Smith-Magenis syndrome** (*17p11.2*)
- Wolf-Hirschhorn syndrome** (*4p16.3*)

Gender determination can be done optionally.

HOW ACCURATE AND SAFE IS VERACITY?

VERACITY directly tests fetal DNA, therefore, it provides the highest accuracy (>99%) in the detection of the most common fetal aneuploidies.

VERACITY is safe for your baby as it only requires a simple blood draw from the mother, which is not associated with the risk of miscarriage unlike invasive methods like CVS and amniocentesis.

| OPTIONS | ACCURACY | SAFETY |
|---------------------------------|------------------|--------------------------------|
| First Trimester Screening | Low (80 - 95%) | No risk of miscarriage |
| Invasive Prenatal Diagnosis | Very high (>99%) | 1 in 200 chance of miscarriage |
| VERACITY new generation NIPT | Very high (>99%) | No risk of miscarriage |