

# PANORAMA NIPT PRENATAL SCREEN



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## What is Panorama NIPT?

The Panorama prenatal screen is a DNA screening test that provides you with essential genetic information about your baby.

- Screens for genetic abnormalities
- Identifies your baby's gender (optional)
- Has the lowest false positive rate of any prenatal screening test for commonly screened chromosomal abnormalities
- Can be done as early as 9 weeks into your pregnancy
- Carries no risk for your baby

Panorama is a non-invasive prenatal screening test (NIPT) performed through a simple blood test. During pregnancy, some of the DNA from the placenta which carries the baby's genetic information, crosses into the mother's bloodstream. Panorama looks at this DNA to see if there is evidence of certain genetic conditions that could affect the baby's health.

## What does Panorama NIPT screen for?

Panorama screens for common genetic conditions that are caused by extra or missing chromosomes in the baby's DNA.

- Down Syndrome (trisomy 21)
- Edwards syndrome (trisomy 18)
- Patau syndrome (trisomy 13)

Certain sex chromosome abnormalities:

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

In addition to these chromosomal abnormalities, you can optionally screen for five microdeletions. Panorama can also tell you the baby's gender, if you so choose.

## What are microdeletions?

A small, missing piece of chromosome is called a microdeletion.

Microdeletions occur in pregnancies at the same rate for mothers of any age. While many microdeletions have little impact on the child health or life, there are some that can cause intellectual disabilities and birth defects. Panorama screens for five microdeletion syndromes associated with serious health problems:

- 22q11.2 deletion (DiGeorge) syndrome
- 1p36 deletion syndrome
- Angelman syndrome
- Prader-Willi syndrome
- Cri-du-chat syndrome

## What do Panorama NIPT results tell me?

Panorama gives you a personalised risk score and tells you if the baby is at high risk or low risk for the conditions it screens for. Like other screening tests, Panorama does not provide a definitive diagnosis of the condition.

## Is Panorama NIPT right for me?

If you would like to know whether your baby is at risk for certain genetic conditions, Panorama may be the right option for you.

To find out more about Panorama NIPT please visit [ivf.com.au/nipt](http://ivf.com.au/nipt)

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