

Discover more about your baby's health with **Panorama™** **Non-Invasive Prenatal Test (NIPT)**

Certified Lab



Panorama™
Next-generation NIPT





What is NIPT?

Non-invasive prenatal testing (NIPT) uses a blood sample from the pregnant person to analyze DNA from the placenta* for certain chromosome conditions that could affect a baby's health.

*The DNA from the placenta are not directly from the fetus; however, the placental DNA provides the same result as true fetal DNA in ~98% of all pregnancies.

NIPT¹⁻⁵

- Screens for genetic conditions, such as Down syndrome
- Provides fewer incorrect results than maternal serum screening or other prenatal blood tests
- Poses no risk to your baby
- Some NIPTs can identify your baby's sex, if requested*

* Contact your doctor for more details



How is Panorama™ NIPT different?

Panorama™ is the only NIPT that can tell the difference between the pregnant person's and the baby's DNA, which results in:



Fewer false positives and fewer false negatives^{1,2,3}



The ability to detect a severe chromosomal condition known as Triploidy that can result in serious pregnancy complications if unmonitored^{6,7}



The ability to distinguish whether twins are identical or fraternal - this information can impact the care plan your healthcare provider creates



The highest reported sex accuracy of any NIPT (sex reporting is optional*)^{1,2,3}



The only NIPT that can be ordered as early as nine weeks

What does Panorama™ screen for?



SINGLETON PREGNANCIES

Trisomy 21 (Down syndrome)
Trisomy 18 (Edwards syndrome)
Trisomy 13 (Patau syndrome)
Triploidy
Monosomy X (Turner syndrome)
Sex chromosome trisomies
Sex of the baby (optional)*

Five microdeletions (optional)**:

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



IDENTICAL TWIN PREGNANCIES

Trisomy 21 (Down syndrome)
Trisomy 18 (Edwards syndrome)
Trisomy 13 (Patau syndrome)
Monosomy X (Turner syndrome)

Sex chromosome trisomies
Sex of the baby (optional)*
22q11.2 deletion syndrome (optional)**



NON-IDENTICAL TWIN PREGNANCIES

Trisomy 21 (Down syndrome)
Trisomy 18 (Edwards syndrome)
Trisomy 13 (Patau syndrome)
Sex of the baby (optional)*



EGG DONOR OR GESTATIONAL CARRIER

Trisomy 21 (Down syndrome)
Trisomy 18 (Edwards syndrome)
Trisomy 13 (Patau syndrome)
Sex of the baby (optional)*

*Upon request (no cost). | **Upon request (additional cost).

What are microdeletions?

A small, missing piece of a chromosome is called a microdeletion. Unlike Down syndrome, which occurs more frequently in pregnant persons who are 35 and older, microdeletions occur in pregnancies at the same rate for pregnant persons of any age. 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™ results tell me?

Panorama™ gives you a personalized probability score and tells you if there is a high or low probability that your pregnancy may be affected by screened genetic conditions, such as Down syndrome. Like other screening tests, Panorama™ does not provide a definitive diagnosis of the condition.

How do I get started with Panorama™?

If you are interested in learning more, speak to your healthcare practitioner. They may choose to refer you to a genetics professional in your area. A genetics professional - either a genetic counsellor or a medical geneticist - can discuss genetic conditions in more detail, tell you about follow-up testing to confirm or rule out genetic conditions in your baby, and answer any questions you may have about your results.

Genetic testing can seem complicated. Our team of certified Canadian genetic counsellors and client-care specialists are available to support you along the way. Genetic counselling is available in English and French.

E-mail us at Ask.Genetics@LifeLabs.com or call us at **1-844-363-4357** or visit us at www.LifeLabsGenetics.com/Panorama.

When will I receive my Panorama results?

Your healthcare provider will usually receive your results in seven to ten calendar days.



PREGNANCY CHECKLIST

- BUY PRENATAL VITAMINS
- BOOK DOCTOR'S APPOINTMENT
- ORDER PANORAMA
- RESEARCH BABY NAMES
- PICK COLOURS FOR NURSERY

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Panorama™
Next-generation NIPT

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Connect with the Genetics Team

Ask.Genetics@lifelabs.com

Phone: **1-84-GENE HELP** (1-844-363-4357)

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