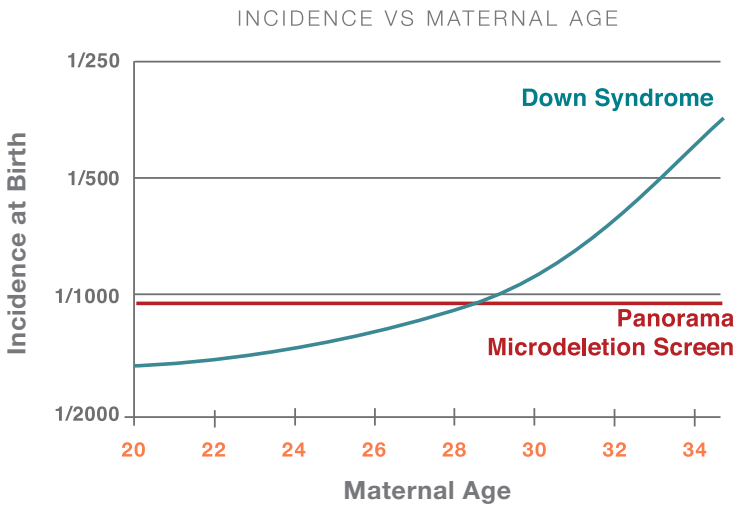
panorama™ prenatal screen

Information that matters. Results you can trust.

Panorama screens for more clinically relevant conditions that are common across all maternal ages.

Test Feature	Clinical Significance	Panorama™	Harmony™
Trisomies 21, 18, 13	Common aneuploidies	√	√
Sex chromosomes	Detection of sex chromosome abnormalities	√	√
Triploidy	Miscarriage or severe birth defects in fetus; risk of severe complications for the mother	√	X
9 weeks gestational age	Earliest test date of any NIPT	√	X
Microdeletions (22q11.2 deletion, Angelman, Prader-Willi, 1p36 deletion, Cri-du-chat)	Can be more common than aneuploidies in younger women	√	X
Fetal fraction measurement	Indicates whether sufficient fetal DNA is present to make a high confidence call	√	√
Validated in high and low risk women	Ability to screen pregnant women of all ages	√	√
Maternal contribution[1, 2]	May lead to false positive or false negative results when not detected	√	X
Vanishing twin	Common cause of false positive results when not detected[3, 4]	√	X

Why is it important to screen for microdeletions?



- **Microdeletions affect more pregnancies** than Down syndrome in younger women.[5, 6, 7]
- **Can result in** severe physical and intellectual disabilities.
- **Difficult to detect** and diagnose prenatally.

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Early detection of 22q11.2 deletion and appropriate intervention may improve clinical outcomes and the quality of life for the child.

Clinical Features of 22q11.2 Deletion Syndrome	Intervention that May Improve Outcomes
Neonatal seizures leading to more severe intellectual disabilities	Calcium therapy immediately after birth
Cardiac abnormalities	Referral to cardiologist
Immunodeficiency	Delayed live vaccines
Palatal abnormalities leading to feeding and speech problems	Palatal repair; speech therapy
Development delay and learning disability	Behavioral therapy, early education intervention

Panorama's combined false positive rate, including 22q11.2 deletion, is <1%.

	Sensitivity	False Positive Rate
Trisomies 21, 18 and 13, and Monosomy X [1, 2]	98.5%	0.17%
22q11.2 deletion[8]	97.8%	0.76%
Larger deletions combined[8]	>99%	0.06%

Note: Panorama identifies deletions associated with specific sizes and locations. Some deletions associated with a given disorder cannot be identified by Panorama.

References: For a list of complete citations please visit www.panoramatest.com/sst/pan/02

natera™ Conceive. Deliver.

Panorama: part of the Natera family of products

panorama™ prenatal screen | horizon™ carrier screen | spectrum™ preimplantation genetics (PGS/PGD) | anora™ miscarriage test (POC)

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CAP accredited, ISO 13485 and CLIA certified

These tests were developed by Natera, Inc., a laboratory certified under the Clinical Laboratory Improvement Amendments (CLIA).

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