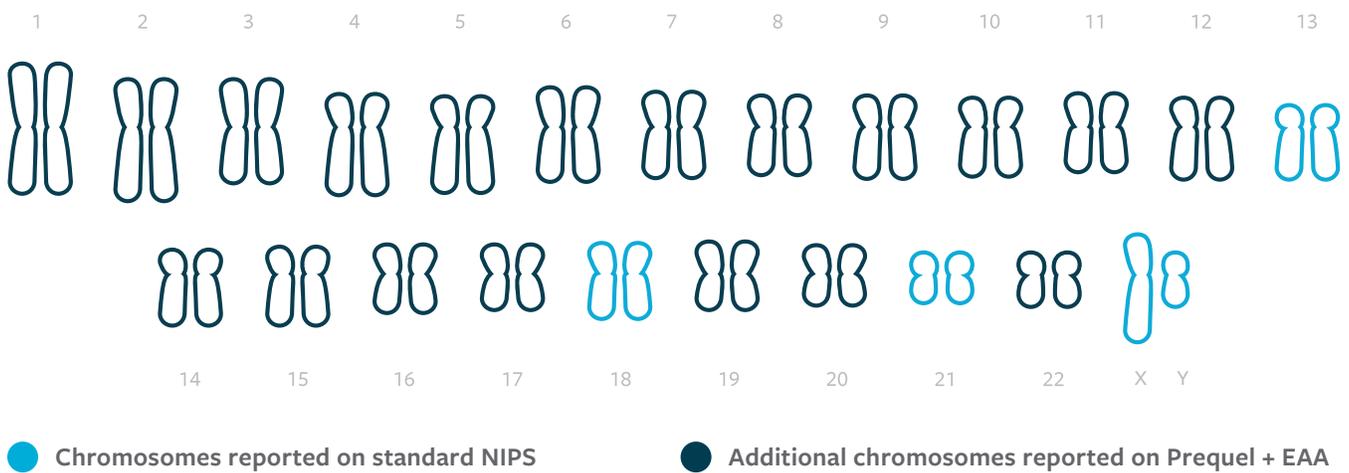


Expect more out of your noninvasive prenatal screen (NIPS)

Prequel with Expanded Aneuploidy Analysis (EAA)

Now you can identify pregnancies at increased risk for complications, in addition to genetic conditions that may affect the fetus, so you can provide your patients with the most comprehensive care possible.



1 in 165

Fetus at-risk for Down Syndrome¹



1 in 200

Pregnancy at-risk for an expanded aneuploidy¹



1. Lee, et al. Rare adds up: Characterization of Mosaicism in Noninvasive Prenatal Screening. ACMG 2019. 2. Toutain J, Goutte-Gattat D, Horovitz J, Saura R. Confined placental mosaicism revisited: Impact on pregnancy characteristics and outcome. PLoS One. 2018 Apr 12;13(4):e0195905. 3. Nohuz E, Rivière O, Coste K, Vendittelli F. Is prenatal identification of small-for-gestational-age fetuses useful? Ultrasound Obstet Gynecol [Internet]. 2019 Apr 4; Available from: <http://dx.doi.org/10.1002/uog.20282>. 4. Van Opstal D, et al. Origin and clinical relevance of chromosomal aberrations other than the common trisomies detected by genome-wide NIPS: results of the TRIDENT study. Genet Med. 2017; doi:10.1038/gim.2017.132 5. Dugoff L., Society for Maternal-Fetal Medicine First- and second-trimester maternal serum markers for aneuploidy and adverse obstetric outcomes. Obstet. Gynecol. 2010;115:1052–1061. doi: 10.1097/AOG.0b013e3181da93da

Identifying an aneuploidy early allows you to take action and modify your patient's monitoring plan, if needed.

These aneuploidies can lead to poor growth, pre-term birth, miscarriages and stillbirths². These are often associated with the placenta, but in rare cases, can result in a fetal syndrome that can be associated with birth defects and intellectual disability.



26 year-old pregnant woman with no significant risk factors

Tested with other NIPS

Unaware of intrauterine growth restriction (IUGR)

Unexpected low birthweight newborn delivered at 39 weeks

Newborn sent to NICU due to neonatal complications. Mother is extremely anxious. Baby is at risk for hypoxia, hypoglycemia and a number of other conditions.

Tested with Prequel EAA

Potential for IUGR identified at 10 weeks

Additional monitoring to watch fetal well-being. Option of amniocentesis to evaluate for fetal involvement.

Abnormal NST at 37 weeks gestation prompts early delivery. Care team prepared for birth of at-risk newborn. Baby closely monitored and goes home with mother at discharge.

In a recent study, the risk of stillbirth was 50% lower in cases of IUGR that were identified prenatally.³

Prequel, with Expanded Aneuploidy Analysis, provides you much higher confidence in your positives, allowing you to focus additional monitoring on pregnancies at significant risk for complications.

Indicator for pregnancy complication ^{4,5}	Low PAPP-A	EAA Positive
Screen Positive Rate	5%	0.5%
Positive Predictive Value for Poor Growth	9.5%	59%

The Prequel Prenatal Screen is:

- ✓ **Reliable:** Lowest test failure rate in the industry at <0.1%
- ✓ **Accurate:** High sensitivity for all patient types (high BMI, twin, ovum donors)
- ✓ **Individualized:** Personalized reports, access to board-certified genetic counselors and additional support with Myriad Complete™
- ✓ **...now with Expanded Aneuploidy Analysis**

Because your expecting patients expect more:
Prequel Prenatal Screen. Count on it.

