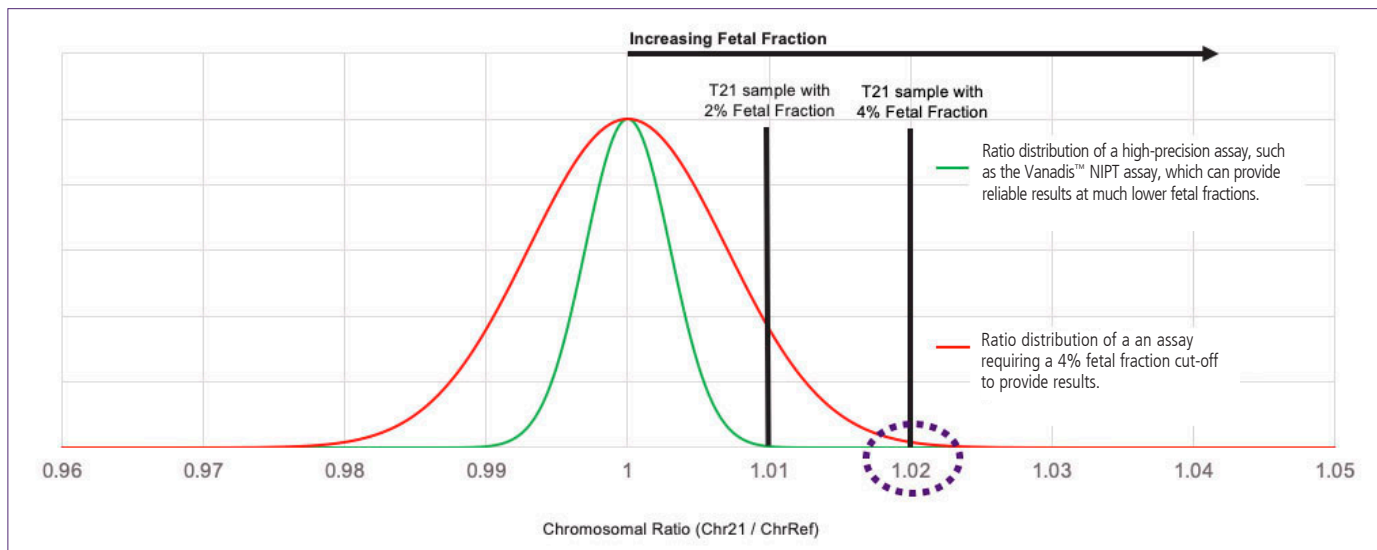


Understanding the Benefits of Our High-Precision Assay

The high-precision of Vanadis® NIPT, greatly reduces variation and tightens the Z-Score distribution. This allows for accurate screening of aneuploidies even in samples with lower fetal fractions and provides one of the lowest no-call rates among NIPTs. The image below demonstrates the benefits of utilizing a high-precision assay when analyzing samples with low fetal fractions.



Steps Taken to Achieve the High-Precision of Vanadis® NIPT

- ✓ Counting more molecules: The Vanadis® NIPT counts, on average, 3x more molecules from target chromosomes than traditional sequencing-based NIPT tests.
- ✓ Eliminating errors propagated by PCR: The Vanadis® NIPT utilizes rolling-circle-replication, rather than PCR, to reduce variability.
- ✓ Utilizing full automation: The Vanadis® NIPT is performed on a fully automated system utilizing a DNA extraction protocol to enrich fetal fraction.

Why NIPT for All Women?

Non-invasive prenatal testing has demonstrated superior performance for screening for common aneuploidies over traditional serum screening, helping patients avoid unnecessary invasive procedures and thereby, reducing the risk of fetal loss⁴. However, the complexity, cost and high no-call rate of PCR-based NIPTs has limited access to the advantages of NIPT results in the general population. With the affordable price and low no-call rate of Vanadis® NIPT, the benefits of a reliable NIPT are now accessible to more women.

References

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