Global Prenatal Testing and Newborn Screening Market 2016-2022

Description: With the emergence of advanced technologies such as next generation sequencing, high throughput screening (HTS), and cell free fetal DNA, there has been a rise in the overall demand of the newly developed prenatal diagnosis and newborn screening tests. Presently, the main focus of the government initiatives is mainly towards developing non-invasive solutions, launching large number of newborn screening programs, controlling the increasing level of genetic disorders, and integrating advanced technologies to fulfill the unmet needs of the patients.

Governmental regulations and standards are playing a major role in sustaining the growth and development of the market. The main aim of these regulations is to make prenatal tests and solutions more adaptable and focused towards effective diagnosis of various genetic disorders & chromosomal abnormalities. The patients benefit indirectly through these regulations as it helps them save time and cuts-down the overall cost as the patients receive accurate and proper diagnosis & screening of the disease.

This study includes an overview and analysis of the prenatal and newborn genetic testing market, by type of tests, techniques, and geographical regions, allowing the research to develop a comprehensive outlook of the market. The prenatal and newborn genetic testing market report presents a detailed analysis of market dynamics and provides an extensive insight into various forms of developments, trends and key participants. All of the above mentioned report coverage parameters are discussed across different regions like The Americas, Europe, Asia Pacific (APAC), and Rest of the World (ROW).

The answers to the following key questions can be found in the report:
- What are the major market drivers, challenges and opportunities of the prenatal testing and newborn screening market and their use cases?
- What are the key trends and developments in the prenatal testing and newborn screening market for genetic disease management?
- What are the key developmental strategies in different applications across all regions?
- What are different types of prenatal tests and newborn screening methods and the latest technologies entering the market?
- How will the key market players leverage on key developments such as Mergers and Acquisitions, Partnerships, and Product Launches among others?
- Which geographical region will lead the global prenatal testing and newborn screening market by the end of the forecast period?
- Who are the key players in the prenatal testing and newborn screening market?
- What are the key government regulations for different prenatal testing and newborn screening solutions?
- What are the key market trends and key developments in different geographical regions?
- What are the genetic disorders detectable by different prenatal screening and diagnostic tests?
- What are the appropriate technologies for the detection of aneuploidies, micro-deletions, duplications, copy number variations and translocations?
- What different noninvasive and invasive prenatal screening tests are performed during a pregnancy?
- What is the global and regional market for newborn screening tests, through 2022?
- What is the global market for newborn screening tests by technology, through 2022?
- What are the detection rate, true positive rate and true negative rate for common NIPTs?
- What is the global and regional market for NIPTs using cell free fetal DNA, through 2022?
- How many genetic conditions are detected during newborn genetic screening in the U.S.?
- What is the status of newborn genetic screening in developed, developing and other countries?
- What are the currently used advanced technologies in prenatal and newborn testing?

While highlighting the key driving and restraining forces for this dynamic market, the report also provides a comprehensive section of the prominent consortiums, compliances, and regulatory bodies, as well as their involvement in the prenatal and newborn genetic testing market. The research incorporates Porter's Five Force Model for an in-depth analysis of the prenatal and newborn genetic testing market and an assessment of the factors governing it. The analysis builds on a well-compiled value chain giving a detailed understanding of the ecosystem players and their market penetration.

The report includes the profiles of major players in the prenatal testing and newborn screening market that
allows the readers to gain an insight into the various industry trends.

Countries Covered:

North America, Europe, APAC, ROW (Middle East, Africa & South America)

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