

Next Generation Sequencing for Non-invasive Prenatal Testing: Global Insights

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Abstracts

Report Scope:

The scope of the report includes NIPT methods, applications, patents and companies. The markets for NGS-based NIPT are given for the years 2017, 2018 and 2023.

This report reviews the main sequencing technologies and provides detailed discussion on next generation sequencing and its applications in different fields. The main focus of the study is NIPT. The market dynamics such as drivers and restraints for both NGS and NIPT market have been discussed in this report.

The report examines the markets by NIPT methods, high-risk and low-risk pregnancies and geography. The end-user segment of this market is based on disease area and healthcare setting. Disease areas include trisomies 21, 18 and 13 and Turner syndrome (a sex chromosome aneuploidy). Healthcare settings include diagnostic laboratories and hospitals.

Specific geographic markets are discussed, including North America, Europe, Asia-Pacific, and the rest of the world.

As a background study, industry sectors analyzed include sequencing instruments, target enrichment, informatics, clinical laboratory testing services, reproductive health diagnostics, liquid biopsy, immune sequencing, HLA typing, third generation sequencing and direct to consumer.

BCC Research provides a summary of the main industry acquisitions and strategic alliances from 2016 through April 2018, including key alliance trends.

Report Includes:

23 data tables and 61 additional tables

An overview of the global insights of next generation sequencing (NGS) for non-invasive prenatal testing (NIPT) within the biotechnology industry

Country specific data and analysis for United States, France, Germany, U.K., Italy, Spain, China, India, Japan, South Korea and rest of the world countries

Analyses of global market trends with data from 2017, estimates for 2018, and projections of compound annual growth rates (CAGRs) through 2023

Characterization and quantification of the market potential for NGS by geographical region, type, application sector, and end user industry

Discussion of next generation sequencers, NGS technologies, NIPT methods, clinical applications and industry structure

Examination of regional dynamics, and key technological updates for both NGS and NIPT market

Comprehensive profiles of the leading companies involved in the clinical, genetic testing and sequencing industries, including 10X Genomics, Inc., 23andMe, Agilent Technologies, Inc., Illumina Inc. and Natera, Inc.

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