

# Molecular Diagnostics: Technologies and Global Markets

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## Abstracts

### Report Scope:

This study examines the global market for assays used to detect specific nucleic acid sequences in medical and life science applications. The goal of all DNA-based diagnostic assays is similar, but several different technologies can be employed. BCC Research analyzes each technology in detail, determines major players and current market status, and presents forecasts of growth over the next five years. Scientific challenges and advances, including the latest trends, are emphasized. Government regulations, major collaborations, recent patents and factors affecting the industry from a global perspective are examined. New directions for DNA diagnostic technologies and emerging applications in clinical diagnostics are also examined.

Key molecular diagnostic technologies and products are analyzed to determine present and future market status, and growth is forecast from 2021 to 2026. In-depth discussion of strategic alliances, industry structures, competitive dynamics, patents and market driving forces are also provided.

### Report Includes:

60 tables

An overview of the global market and technologies for molecular diagnostics

Estimation of the market size and analyses of global market trends, with data from 2019 to 2021 and projections of compound annual growth rates (CAGRs) through 2026

Characterization and quantification of market potential for molecular diagnostic technologies by technology, application and region

Information about food and drug administration guidelines and internal standards for DNA diagnostics, and coverage of novel therapeutic products and their approvals

Discussion on related issues, government regulations, and reimbursement through insurance, patient confidentiality and other legal ramifications

Identification of market drivers, restraints and other forces impacting the global market and evaluation of current market trends, market size and forecast

Market share analysis of the key companies of the industry and coverage of events like mergers & acquisitions, joint ventures, collaborations or partnerships, and other key market strategies

Company profiles of major players, including Abbott, Becton, Dickinson and Company, General Electric, Siemens Healthcare GmbH and Thermo Fisher Scientific Inc.

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