

## Global Molecular Diagnostics Market – Technologies, Products, Applications and End-Use Sectors

“The report reviews, analyzes and projects the global market for Molecular Diagnostics for the period 2017-2026. The market for Molecular Diagnostics applications analyzed in this study includes Infectious Diseases, Oncology, Blood Testing, Genetic Testing, Prenatal Testing and Others (Agriculture, Veterinary, Dairy etc.). Molecular Diagnostics technologies market analyzed in this report includes Polymerase Chain Reaction (PCR), Sequencing, Hybridization and Other Technologies comprising Microarrays, Nanotechnology. The study explores the market analysis for Molecular Diagnostics end-use sectors comprising Hospitals & Diagnostics Labs, Research Institutes & Universities and Other End-Use sectors (including Blood Banks, Nursing Homes, Local Public Health Laboratories, point of Care settings etc.). The study also includes the market analysis for Molecular Diagnostics by product type consisting of Reagents & Consumables, Instruments, and Software & Services.”

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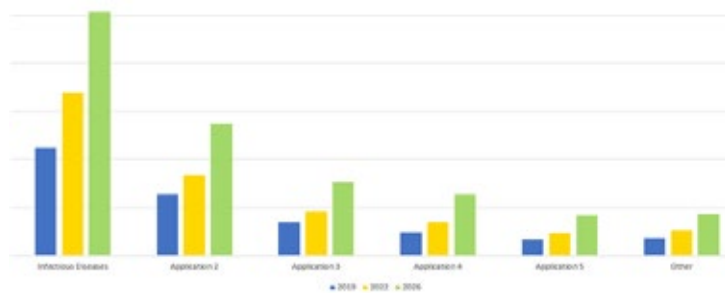
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### Report Synopsis

Amid COVID-19 outbreak, the global market for Molecular Diagnostics has created mixed opportunities for manufacturers all over the world. While some of the application segments, such as infectious diseases, is projected to record the highest growth during the pandemic period of 2019-2022, but other applications such as oncology etc. are estimated to face a reduction in demand during the same period.

Global Molecular Diagnostics market has generated a revenue of US\$10.85 billion in 2019, and is estimated to be just over US\$15 billion in 2020. During 2019 to 2022 period, which is said to be influenced by the Covid-19 pandemic, Infectious Diseases segment is anticipated to gain rapid demand, growing at a robust CAGR of 14.9%. Infectious Diseases segment, in which Covid-19 testing is a part, is estimated to generate an extra revenue of US\$3.8 billion globally in 2020 compared to 2019.

Global Molecular Diagnostics Market (2019, 2022 & 2026) by Application



Source: Industry Experts, Inc. <https://industry-experts.com>

### Research Findings & Coverage

- This most comprehensive report on Molecular Diagnostics, analyzes the global market with respect to technologies, product types, applications and end-use sectors
- Molecular Diagnostics' market size is estimated in this report by product types, technologies, applications and end-use sectors across all major countries
- Molecular Diagnostics Take the Center Stage in COVID-19 Testing
- COVID-19 Pandemic Takes Korean Testing Kits Demand to New Heights
- New CRISPR-Based Technology Developed for COVID-19 Identification
- Molecular Diagnostics of Infectious Diseases Undergo Dramatic Advancements

- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 46
- The industry guide includes the contact details for 169 companies

### Product Outline

The report analyzes the market for the following key technologies of Molecular Diagnostics:

- PCR
- Sequencing
- Hybridization
- Other

The market for key product types of Molecular Diagnostics studied in this report comprise the following:

- Reagents & Consumables
- Instruments
- Software & Services

The market for major applications of Molecular Diagnostics explored in this report comprise the following:

- Infectious Diseases
- Oncology
- Blood Testing
- Genetic Testing
- Prenatal Testing
- Other

The report analyzes the market for the following end-use sectors of Molecular Diagnostics:

- Hospitals & Diagnostics Labs
- Research Institutes & Universities
- Other

### Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Molecular Diagnostics market for the period 2017-2026 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2019 through 2026

### Geographic Coverage

- **North America** (United States, Canada and Mexico)
- **Europe** (Germany, France, United Kingdom, Italy, Spain and Rest of Europe)
- **Asia-Pacific** (China, Japan, India, South Korea and Rest of Asia-Pacific)
- **Rest of World** (Brazil, Argentina, Israel and Other Countries)

## SAMPLE COMPANY PROFILE

### ABBOTT DIAGNOSTICS (UNITED STATES)

A Division of Abbott Laboratories

675 N. Field Drive, Lake Forest, Illinois 60045

Phone: 224-667-6100

Website: www.diagnostics.abbott

#### Business Overview

Established in Illinois, United States, Abbott Diagnostics, a division of Abbott Laboratories, is a leader in molecular diagnostics and the analysis of DNA, RNA, and proteins at the molecular level. The company is engaged in offering medical diagnostic instruments, tests, automation and informatics solutions for hospitals, reference labs, blood centers, emergency departments, physician offices and clinics. The company offers a range of solutions via Core Laboratory, Molecular, Point of Care, and Transfusion Medicine businesses.

#### Business Analysis

Business Area	Operation Particulars
Core Laboratory	Offers solutions comprising automation, clinical chemistry, coagulation, hematology, immunoassay, integrated systems, and professional services and informatics; as well as personalised solutions comprising Alinity c (clinical chemistry), Alinity i (immunoassay), Alinity hs and Alinity hq (hematology), and Alinity PRO (informatics)
Molecular	Manufactures and markets molecular diagnostic solutions comprising assays and solutions such as AneuVysion, IntellifISH, PathVysion, UroVysion and RealTime assays; FISH and RealTime PCR automation systems for increasing laboratory efficiency and consistency; assays for detecting and monitoring diseases, such as HIV, HCV, HBV, CT/NG; innovative FISH assays to diagnose hematology, breast, lung, bladder and other solid tumors; and a broad range of FISH probes for preimplantation, prenatal and postnatal genetic testing research; and Alinity m personalized molecular solution  Offered first gene-based test designed for detecting the HER-2 gene found in many breast cancer patients; first CE marked dried blood spot test for HIV early infant diagnosis; and first FDA approved test for identification of ALK gene rearrangements
Point of Care	Offers i-STAT system products and services such as i-STAT handheld blood analyzer, i-STAT test cartridges, i-STAT data management software, i-STAT AqF, INFO HQ MANAGER, and STATNotes; and i-STAT Alinity system
Transfusion Medicine	Offers innovative instruments, assays, informatics and automation solutions comprising PRISMnEXT process automation system, PRISM Director, ACCELERATOR a3600 automated system, ARCHITECT immunoassay systems, AlinIQ suite of professional services, and Alinity s personalized solution for blood and plasma screening

#### Molecular

Abbott Molecular is a leading molecular diagnostics company engaged in the production and marketing of over 450 molecular testing solutions across the world in more than 130 nations. The company offers a range of instrument and assay solutions for providing early disease diagnosis and monitoring of disease recurrence. The product line offered by the company encompasses infectious disease products, oncology products, instrumentation, and solutions. The company also offers Vysis FISH Chromosome Search Tool - patent pending, interactive tool to provide the most up-to-date Vysis FISH probe information with single-click access from FISH probe descriptions directly to FISH probe maps, hybridization images, and associated product page and ordering information; as well as personalized solutions and services.

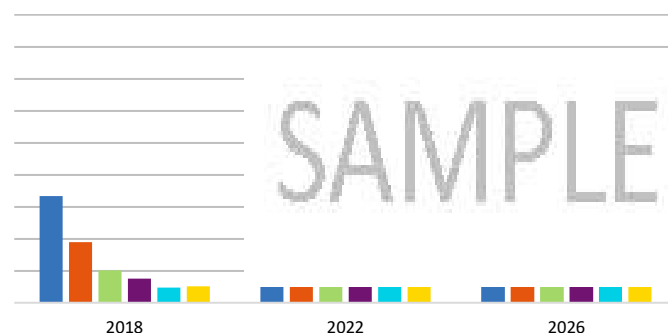
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## SAMPLE TABLE/CHART

Glance at 2019 Global Molecular Diagnostics Market Share (%) by Geographic Region - North America, Europe, Asia-Pacific and Rest of World



North American Molecular Diagnostics Market Analysis (2017-2026) by Application - Infectious Diseases, Oncology, Blood Testing, Genetic Testing, Prenatal Testing and Other in USD Million



## KEY PLAYERS PROFILED

- Abbott Diagnostics
- Agilent Technologies, Inc.
- Becton, Dickinson and Company
- Bio-Rad Laboratories, Inc.
- Danaher Corporation
- DNA Diagnostics Center
- F. Hoffmann-La Roche Ag
- Grifols International, S.A.
- Hologic, Inc.
- Illumina, Inc.
- Kaneka Eurogentec S.A.
- Laboratory Corporation of America® Holdings
- Merck KGaA (Merck Millipore)
- Myriad Genetics, Inc.
- Origene Technologies, Inc.
- Ortho Clinical Diagnostics
- Oxford Gene Technology
- Perkinelmer Inc.
- Promega Corporation
- Qiagen N.V.
- Siemens Healthcare GmbH
- Sorenson Genomics, LLC
- Sysmex Inostics GmbH
- Thermo Fisher Scientific Inc.
- Transgenomic Inc.
- Wuxi Nextcode

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