

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 2015-2024. 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 PCR Polymerase Chain Reaction (PCR), Sequencing, Hybridization and Other Technologies comprising Microarrays, Nanotechnology etc.”

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Report Synopsis

Emergence of novel next generation sequencing technologies, extensive use of next generation sequencing technologies in clinical diagnostics, application of sequencing technologies in cancer to detect mutations are some of the factors fueling the growth of sequencing technologies usage in the molecular diagnostics field. Growing prevalence of genetic disorders, rising demand for personalized medicine etc., are some of the factors attributed to the fastest growth nature of molecular diagnostics applications in Genetic testing.

Global market for Molecular Diagnostics is dominated by Infectious Diseases, estimated at US\$3.9 billion in 2018 and is anticipated to post a CAGR of 11.9% between 2018 and 2024 and reach a projected US\$7.7 billion by 2024.

Global Molecular Diagnostics Market by Application - 2018 & 2024



Source: Industry Experts, Inc. <http://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
- Rapid and Early Confirmation of Dengue Using Molecular Diagnostics
- Creation of Novel and Powerful Adaptive PCR Technique for Rapid Genetic Analysis

- Emergence of CRISPR as a Novel Molecular Diagnostic Tool
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 48
- 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 2015-2024 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2018 through 2024

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

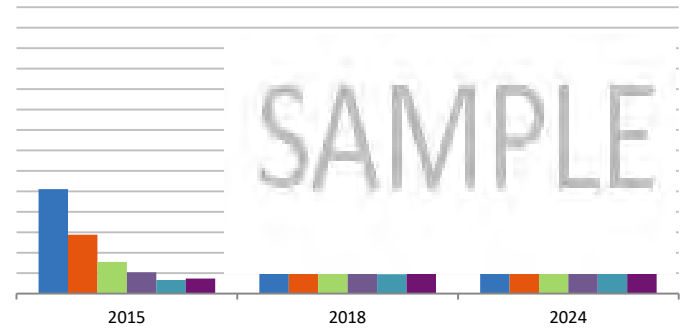
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SAMPLE TABLE/CHART

Glance at 2018 Global Molecular Diagnostics Market Share (%) by Geographic Region - North America, Europe, Asia-Pacific and Rest of World



North American Molecular Diagnostics Market Analysis (2015-2024) by Application - Infectious Diseases, Oncology, Blood Testing, Genetic Testing, Prenatal Testing and Other in USD Million



KEY PLAYERS PROFILED

- Abbott Diagnostics
- Agendia NV
- Agilent Technologies, Inc.
- Becton, Dickinson and Company
- Biomérieux SA
- Danaher Corporation
- DNA Diagnostics Center
- F. Hoffmann-La Roche AG
- GE Healthcare, Inc.
- Genmark Diagnostics, Inc.
- Genomic Health, Inc.
- Hologic, Inc.
- Illumina, Inc.
- Kaneka Eurogentec S.A.
- Laboratory Corporation of America® Holdings
- Luminex Corporation
- Myriad Genetics, Inc.
- Novartis AG
- Ortho Clinical Diagnostics
- Oxford Gene Technology
- Perkinelmer Inc.
- Promega Corporation
- Savyon Diagnostics
- Seegene Inc.
- Siemens Healthcare GmbH
- Sorenson Genomics, LLC
- Sysmex Inostics GmbH
- Thermo Fisher Scientific Inc.
- Transgenomic Inc.

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