Molecular Diagnostics Market Research Report - Global Forecast till 2025

Report / Search Code: MRFR/MED/0665-CR          Publish Date: August, 2019

Price

<table>
<thead>
<tr>
<th></th>
<th>1-user PDF</th>
<th>Enterprise PDF</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-user PDF</td>
<td>$4450.0</td>
<td></td>
</tr>
<tr>
<td>Enterprise PDF</td>
<td>$6250.0</td>
<td></td>
</tr>
</tbody>
</table>

Description:

Molecular Diagnostics Market Research Report: Information by Product (Reagents & Kits, Instruments and Services & Software), by Technique (Polymerase Chain Reaction (PCR), Isothermal Amplification, Hybridization, Sequencing, Microarray and others), by Application (Infectious Diseases, Oncology, Genetic Tests and others), by End User (Hospitals & Clinics, Diagnostic Laboratories and others) and by Region (Americas, Europe, Asia-Pacific and the Middle East & Africa) - Global Forecast till 2025

The Global Molecular Diagnostics Market is expected to register a CAGR of 8.57% and is anticipated to reach USD 16,319.09 Million by 2025.

Molecular diagnostic is a collection of techniques used to analyze biological markers in genome and proteome. It helps to diagnose and monitor diseases and helps decide which therapy should be administered to the patient. However, the rising prevalence of the infectious disease, increasing awareness regarding molecular diagnostic techniques, and advancement in molecular diagnostics are the primary factors responsible for market growth during the forecast period.

The rising prevalence of infectious diseases, rising incidence of different types of cancer, and advancements in molecular diagnostic techniques are the major drivers propelling market growth. However, stringent regulatory policies constrain the growth of the market.

Market Dynamics

Molecular diagnostic tests have initiated a revolution in the diagnosis and monitoring of infectious diseases over the past several years. Various molecular diagnostic tests such as microbial phenotypic characteristics, chromatographic profiles, biotyping, and susceptibility testing are most widely used in laboratories for the identification and differentiation of infectious diseases. Whereas nucleic acid techniques and polymerase chain reaction (PCR) are most commonly used to carry out testing for contagious diseases. PCR-based systems are used to detect the etiologic agents of disease directly from clinical samples without the use of culture media. This system is useful in the rapid detection of unculturable or fastidious microorganisms. Other significant advances include the determination of viral load and the direct detection of genes or gene mutations responsible for drug resistance. Increased use of automation and user-friendly molecular diagnostic software makes these technologies more widely available in the market. As a rising incidence of infectious disease is observed, the demand for molecular diagnostic testing is also increasing. Overall there has been a notable increase in the number of new and ongoing molecular diagnostic tests as compared to previous years. Hence, the demand for molecular diagnostics is expected to increase in the future.

Global Molecular Diagnostics Market Size, by End User, 2018 (USD Million)
The global molecular diagnostics market has been segmented into product, technique, application, and end user. **By product**, the market has been segregated into reagents & kits, instruments, and services & software. Based on the technique, the market has been divided into a polymerase chain reaction (PCR), isothermal amplification, hybridization, sequencing, microarray, and others. Based on application, the market has been bifurcated into infectious diseases, oncology, genetic tests, and others. By end user, the market has been classified as hospitals & clinics, diagnostic laboratories, and others. The hospitals & clinics segment accounted for a market value of USD 4,078.09 million in 2018.

**Key Players**

The prominent players in the global molecular diagnostics market are F. Hoffmann-La Roche Ltd; Hologic, Inc.; QIAGEN; Becton, Dickinson and Company; Abbott Laboratories; Cepheid; Siemens; Thermo Fisher Scientific; and Agilent Technologies. The key strategies followed by the players operating in the global molecular diagnostics market were innovation, product development, acquisition, and expansion.

**Asia-Pacific Molecular Diagnostics Market Share, by Country, 2018 (%)**

The global molecular diagnostics market, based on region, has been divided into the Americas, Europe, Asia-Pacific, and the Middle East & Africa. The Americas is estimated to dominate the global molecular diagnostics market during the forecast period. This is attributed to the increasing geriatric population and the availability of advanced healthcare facilities in the region. The Europe market for molecular diagnostics is expected to be the second-largest during the forecast period. The availability of funds for research & development and rising support from the government for the life
science sector are expected to boost the growth of the market in this region. Additionally, the companies operating in the market are mainly focusing on mergers & acquisition, which is expected to support market growth. Asia-Pacific is estimated to be the fastest-growing market due to developing economies such as China, India, and South Korea emerging as major destinations for the outsourcing of clinical trials, drug manufacturing, and pathology testing. In addition to this, improving healthcare infrastructure has increased the researches being conducted in the region. Moreover, in Asia-Pacific, China accounted for a market share of 21.4% in 2018. The molecular diagnostics market in the Middle East & Africa is expected to witness steady growth during the review period due to a lack of awareness of healthcare facilities.

Key Updates

- In June 2019, QIAGEN and McKesson entered a distribution agreement for the distribution of QIAstat-Dx Syndromic Testing Solution to smaller hospitals and other end users in the US. This enhanced the distribution network of QIAGEN and McKesson.
- In May 2019, Clonit launched the Quanty Usutu Kit for the identification and quantification of Usutu virus. With this, the company has completed its range of Arbovirus molecular tests.
- In January 2019, Hologic, Inc., received the US Food and Drug Administration (FDA) approval for the Aptima Mycoplasma Genitalium Assay, used to detect common sexually transmitted infections (STIs). The Aptima assay offered by Hologic, Inc., has helped to prevent the STIs in the US.

Market Segmentation

Global Molecular Diagnostics Market, by Product
- Reagents & Kits
- Instruments
- Services & Software

Global Molecular Diagnostics Market, by Technique
- Polymerase Chain Reaction (PCR)
- Isothermal Amplification
- Hybridization
- Sequencing
- Microarray
- Others

Global Molecular Diagnostics Market, by Application
- Infectious Diseases
- Oncology
- Genetic Tests
- Others

Global Molecular Diagnostics Market, by End User
- Hospitals & Clinics
- Diagnostic Laboratories
- Others

Global Molecular Diagnostics Market, by Region
- Americas
  - North America
    - US
    - Canada
  - Latin America
- Europe
  - Western Europe
    - Germany
    - UK
Available Additional Customizations

- **Additional Companies**
  - Bio-Rad Laboratories Inc.
  - Alere, Inc.
  - Bayer AG
  - Danaher
  - Sysmex Corporation

- **Challenges in Global Molecular Diagnostics Market**

**Intended Audience**

- Medical device manufacturers and distributors
- Government research organizations
- Hospitals and clinics
- Regulatory agencies
- Pharmaceutical companies

### Contents:

<table>
<thead>
<tr>
<th>License</th>
<th>Single User</th>
<th>Enterprise User (Buy Premium Reports Chapterwise)</th>
</tr>
</thead>
</table>

**TABLE OF CONTENTS**

1 EXECUTIVE SUMMARY

2 MARKET INTRODUCTION

2.1 Definition
2.2 Scope of the Study
2.3 Assumptions & Limitations
2.3.1 Assumptions
2.3.2 Limitations
2.4 Market Structure

3 RESEARCH METHODOLOGY