

# **Global Molecular Diagnostics Market with Focus on Infectious Diseases (HPV/Chlamydia) & Genetic Testing: Industry Analysis & Outlook (2016-2020)**

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## **Abstracts**

Diagnosis is the identification of the nature and cause of a certain phenomenon. It involves two different types of testing method: in vivo and in vitro diagnostics. In vitro diagnostics (IVD) are the medical tests which are intended to perform diagnoses from sample of body fluids in a controlled environment outside a living organism. In vitro diagnostic (IVD) tests are performed to conduct diagnoses from assays in a test tube, or in a controlled environment outside a living organism.

Molecular Diagnostics is a technology used in the process of in vitro diagnosis. Molecular diagnostics involves the measurement of DNA, RNA, proteins or metabolites in order to detect genotypes, mutations or biochemical changes in the body. Molecular diagnostics market is escalating beyond the identification of infections. It is becoming an essential part of disease management and therapy. The variety of technologies used in molecular diagnostics has transformed clinical laboratory medicine. The market is further expected to see a robust growth with increased research and development.

The global molecular diagnostics market is expected to see innovation driven growth. With recent outbreak of infectious diseases like Ebola and swine flu, they would require accurate diagnostics, which will instigate the growth of the molecular diagnostics technology in the future, thereby posing tremendous growth potential for the market. Asia-Pacific is expected to register the highest growth rate in expansion of molecular diagnostics in the coming years.

The key factors driving growth of the MD market includes fast approvals for companion diagnostics reagents, increase in emergence of infectious disease, innovation and technical development, rising ageing population, and escalating global healthcare

expenditure. However, there are certain factors hindering the growth of the market like high initial cost, obligation of skilled labor, and lack of proper healthcare infrastructure. The major trends featuring the market includes increasing clinical microbiological laboratories in developing nations, next generation sequencing, and increase in sale of point of care devices.

The report offers an in-depth analysis of the Global Molecular Diagnostics Market with focus on Infectious Diseases (HPV/Chlamydia) & Genetic Testing. It covers the regional and global aspect of the market. Competition is concentrated in the hands of few major companies, of which Roche Holding, Abbott Laboratories, Hologic Inc., and Qiagen have been covered in the report.

## Contents

### 1. MARKET OVERVIEW

- 1.1 Diagnostics
- 1.2 Molecular Diagnostics
- 1.3 Purpose of Molecular Diagnostics

### 2. GLOBAL IN VITRO DIAGNOSTICS (IVD) MARKET

- 2.1 Global IVD Market by Value
- 2.2 Global IVD Market Forecast by Value
- 2.3 Global IVD Market by Segment
- 2.4 Global IVD Market by Technology

### 3. GLOBAL MOLECULAR DIAGNOSTICS (MD) MARKET

- 3.1 Global MD Market by Value
- 3.2 Global MD Market Forecast by Value
- 3.3 Global MD Market by Application
- 3.4 Global MD Market Forecast by Region
- 3.5 Global MD Market by Test Type
  - 3.5.1 Global HPV Market by Value & Volume
  - 3.5.2 Global HPV Market Forecast by Value & Volume
  - 3.5.3 Global CT/NG Market by Value & Volume
  - 3.5.4 Global CT/NG Market Forecast by Value & Volume
  - 3.5.5 Global Genetic Testing Market by Value
  - 3.5.6 Global Genetics Testing Market Forecast by Value

### 4. REGIONAL MARKET

- 4.1 North America
  - 4.1.1 North America MD Market by Value
  - 4.1.2 North America MD Market Forecast by Value
  - 4.1.3 North America MD Market by Application
- 4.2 Europe
  - 4.2.1 European MD Market by Value
  - 4.2.2 European MD Market Forecast by Value
  - 4.2.3 European MD Market by Application

#### 4.3 Korea

##### 4.3.1 Korean MD Market by Value

##### 4.3.2 Korean MD Market Forecast by Value

### 5. MARKET DYNAMICS

#### 5.1 Growth Drivers

##### 5.1.1 Fast Approvals for Companion Diagnostics Reagents

##### 5.1.2 Rising Emergence of Infectious Disease

##### 5.1.3 Rise in Medical Check-up Participation Rate

##### 5.1.4 Innovation and Technical Development

##### 5.1.5 Clear Guidance by FDA

##### 5.1.6 Rise in Global Ageing Population

##### 5.1.7 Rising Global Healthcare Expenditure

#### 5.2 Key Trends and Developments

##### 5.2.1 Increasing Clinical Microbiology Laboratories in Developing Nation

##### 5.2.2 Next Generation Sequencing

##### 5.2.3 Targeting Anti-Biotic Resistance

##### 5.2.4 Growth in Point of Care Diagnostics

##### 5.2.5 Booming Medical Device Industry

#### 5.3 Challenges

##### 5.3.1 High Initial Cost

##### 5.3.2 Obligation of Skilled Labour

##### 5.3.3 Urgent need for Proper Infrastructure

### 6. COMPETITIVE LANDSCAPE

#### 6.1 Global IVD Market

##### 6.1.1 Market Share Comparison

#### 6.2 Global MD Market

##### 6.2.1 Market Share Comparison

##### 6.2.2 Market Cap Comparison

##### 6.2.3 Competitive Position by Segment

### 7. COMPANY PROFILES

#### 7.1 Roche Holding

##### 7.1.1 Business Overview

##### 7.1.2 Financial Overview

- 7.1.3 Business Strategy
- 7.2 Abbott Laboratories
  - 7.2.1 Business Overview
  - 7.2.2 Financial Overview
  - 7.2.3 Business Strategy
- 7.3 Hologic Inc.
  - 7.3.1 Business Overview
  - 7.3.2 Financial Overview
  - 7.3.3 Business Strategy
- 7.4 Qiagen
  - 7.4.1 Business Overview
  - 7.4.2 Financial Overview
  - 7.4.3 Business Strategy

## List Of Charts

### LIST OF CHARTS

IVD Market – Segments by Technology  
Molecular Diagnostics – Traditional Process  
Molecular Diagnostics Breakdown  
Main Purposes of Molecular Diagnostics  
Global IVD Market by Value (2011-2015)  
Global IVD Market Forecast by Value (2016-2020)  
Global IVD Market by Segment (2015)  
Global IVD Market CAGR by Technology (2013-2017)  
Global Molecular Diagnostics (MD) Market by Value (2011-2015)  
Global MD Market Forecast by Value (2016-2020)  
Global MD Market by Application (2015)  
Global MD Market Forecast by Region (2019)  
Global HPV Market by Value & Volume (2011-2015)  
Global HPV Market Forecast by Value & Volume (2016-2020)  
Global CT/NG Market by Value & Volume (2011-2015)  
Global CT/NG Market Forecast by Value & Volume (2016-2020)  
Global Genetic Testing Market by Value (2011-2015)  
Global Genetic Testing Market Forecast by Value (2016-2020)  
North American MD Market by Value (2011-2015)  
North American MD Market Forecast by Value (2016-2020)  
North American MD Market by Application (2015)  
European MD Market by Value (2011-2015)  
European MD Market Forecast by Value (2016-2020)  
European MD Market by Application (2015)  
Korean MD Market by Value (2011-2015)  
Korean MD Market Forecast by Value (2016-2020)  
Worldwide Ageing Population 60 Years or Older (2000-2030E)  
Rising Global Health Care Expenditure (2010-2015)  
Global POCT Device Sales (2012-2017E)  
Global IVD Market Share (2015)  
Global MD Market Share (2015)  
Global MD Market Cap. Comparison (2015)  
Roche's Revenue by Business Segments (2015)  
Roche's Revenue and Net Income (2011-2015)  
Abbott Laboratories' Revenue Share by Segment (2015)

Abbott Laboratories' Revenue and Net Income (2011-2015)

Hologic's Revenue by Business Segments (2015)

Hologic's Revenue and Net Income (2015)

Qiagen's Revenue by Business Segments (2015)

Qiagen's Revenue by Geographic Region (2015)

Qiagen's Revenue and Net Income (2011-2015)

## List Of Tables

### LIST OF TABLES

US approvals for CD Reagents  
Growing Cases and Prevalence of STDs in the US (2008-2015)  
Participation Rate in Medical Checkups (2010-2015)  
Global Medical Equipment/Devices Sales (2015/2020)  
Global MD Market by Segment Competitiveness (2015)



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