

World Market for Molecular Diagnostics, 5th. Edition (Infectious Disease, Oncology, Blood Screening, Pre- Natal and Other Areas)

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Abstracts

Molecular diagnostics is becoming a dominant platform in clinical medicine and represents one of the fastest growing segments of the IVD market. As analyst Shara Rosen, R.T., MBA. details, in recent years the number of assays introduced has been growing at a remarkable clip. This report, *The World Market for Molecular Diagnostics (Infectious Disease, Oncology, Blood Screening, Pre-Natal and Other Areas)* represents the fifth time that Kalorama has conducted a complete study into the market for molecular diagnostics.

The report not only contains current market data for business planning, it goes beyond the numbers to fully assess what is going on in the market and why. Since the last edition of this report, a lot has changed, and a lot has stayed the same. There is intense competition but also opportunities for entrants in some areas. As part of its coverage, the report includes the following:

Over 800 Pages of Detailed Market Coverage

Over 55 Tables Makes Market Analysis More Accessible

Current Market Size and Forecast 2012-2017 for Several Molecular IVD Segments (Infectious Disease, Blood Screening, Histology, Oncology, Prenatal, Coagulation, Tissue Typing, Inherited Diseases, Pharmacodiagnosics and Other)

Infectious Disease Molecular Sales by Disease (Hepatitis, HIV, GC/Chlamydia, HAI, Respiratory, Organism ID, Mycobacteria/TB, others)

Over 200 Profiles of Molecular Diagnostic Competitors

Recent **Mergers and Acquisitions**

Revenues of **Test Service Companies**

Geographic Breakout of the Molecular Diagnostics Market by Region (North America, Europe, China, Japan, ROW)

Sample Prep Market, 2012 and 2017

Breakout of **Molecular Histology/Cytology Market** (in situ hybridization, HPV, Tissue Microarrays), 2012 and 2017

More and more laboratories offer complex panels of tests that help physicians evaluate disease risk and make therapeutic decisions. Government and private healthcare payers have recognized the value of new molecular tools and have agreed to pay for them. A desire for better and faster test results, a preference for tests that are aimed at the patient, renewed interest in IVD in general and more particularly in molecular IVD has led to the commercialization of a number of technological tools that make more sensitive and specific tests possible. Some of these technological innovations include cost-effective, multiplexed testing platforms coupled with high-powered software capabilities. In addition analyses using saliva, urine, and blood instead of biopsied tissue make for more patient-friendly test systems.

Over 200 Companies Profiled and Ranked

Kalorama provides profiles of over 200 companies participating in the market. All of these companies have different strategies and compete in different areas, and Kalorama acknowledges this by separating the companies in a triage system based on where they stand in the molecular in vitro diagnostics market.

'IVD Leaders' - The top IVD companies participating in molecular diagnostics as well as dominating the rest of testing.

'Molecular Diagnostics Leaders' -The top companies focused on molecular testing.

'Molecular Diagnostics Participants'- Molecular diagnostic companies that are by now established in the market

'Promising Companies'- Those companies that have potential with an innovative approach

'Molecular Diagnostics Newcomers'- IVD Companies that have novel or interesting approaches to keep an eye on

'Platform Innovators'- Companies that have developed new platform technologies

'Information Technology Companies' - Molecular testing relies on strong information systems to handle data. These companies are in the forefront.

'Sample Prep Leaders' - Companies focused on sample preparation for molecular diagnostics

'Specialist Companies' - In various areas (microbiology, histology, blood banking, etc)

A Realistic Look at The Need-To-Know Trends

Molecular diagnostics is a complicated market that requires a thorough analysis to understand. Many reports make bold predictions which later are proved incorrect by market events. In this report, Kalorama Information provides revenues and market forecasts, but also looks deeply at some of the trends in the market and what might impact results in the future. The report summarizes what is working and what is not working in the past few years.

Sequencing Hype and Reality: Innovations in DNA Sequencing, Key Players and its Future in Clinical Medicine

Pharmacodiagnosics and Where it Stands in 2013

The Latest Growth Numbers of **LDTs**, regulatory activity, and their impact on the Market

IVD Directive Update

Patent Issues

Healthcare Reform, Accountable Care Organizations and Reimbursement Trends

Improvements in Platforms

Developments in **ISH testing**, **Tissue Microarrays** and **Mass Spectroscopy**

Integrated **Sample-to-Results** Testing

Market size and forecasts in the report are for manufacturer's revenues. Secondary and primary resources, including: trade publications, annual report and interviews with key executives in molecular diagnostics were used for this study.

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Fluidigm Corporation
Prenatal
Illumina Inc.
BeadXpress
Sequencing
Cytogenetics
Sample Prep
PCR
CLIA Lab Service
Ipsogen SA
Life Technologies
Ion Torrent Systems
Personalized Medicine
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BlueGnome
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DiagnoCure
ELITech Group
EraGen Biosciences Inc.
Genetic Technologies Limited
Victoria, Australia
www.gtglabs.com
GenMark Diagnostics Inc.
Helicos BioSciences
IRIS International, Inc.
Cytology

Luminex Corporation
 IVD Expansion
 Cystic Fibrosis
 MAGPIX Multiplexing
Meridian Bioscience, Inc.
 Bioline
Nanosphere, Inc.
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 Hospital Acquired Infections
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Ariosa Diagnostics
Axela Inc.
BioHelix Corporation
BioNanomatrix/ BioNano Genomics
BJS Biotechnologies
DiagCor Bioscience Inc. Ltd.
DxTerity Diagnostics Inc.
Epistem plc
Exiqon A/S
Exonhit
GeneNews Limited
Genome Diagnostics BV (GenDx)
Genomica S.A.U.
Genorama Ltd.

Great Basin Corporation
Health Discovery Corporation (HDC)
IncellDx, Inc.
Insight Genetics
IntegenX Inc.
 Sample Transport
Linkage Biosciences, Inc.
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NIPD Genetics Ltd
OptiGene Ltd
Orion Genomics
Oxford Gene Technology (OGT)
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Lumora Ltd.
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Definiens
DNA Direct

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Selventa
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CapitalBio Corporation
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Curetis AG
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Focus Diagnostics, Inc.
GenoID Ltd.
Great Basin Scientific, Inc.
Hain Lifescience GmbH
HiberGene Diagnostics Ltd
Ibis Biosciences
iCubate Incorporated
Immunexpress Group
InDevR
Ingen Biosciences SA
Intelligent Medical Devices, Inc. (IMDx)

IQuum Inc.
Miacom Diagnostics GmbH
MicroPhage, Inc.
Mobidiag Ltd
Molecular Detection Inc. (MDI)
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AssureRx Health, Inc.
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bioTheranostics
Bostwick Laboratories
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Caris Life Sciences
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CBLPath
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deCode genetics ehf
Gene Variants
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EXACT Sciences Corporation
Exosome Diagnostics
Genelex Corporation
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IntegraGen SA
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Knome, Inc.
Lab21 Limited
Services
Products Division
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Laboratory Corporation of America Holdings (LabCorp)
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Lineagen Inc.
Lumigenix
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MDxHealth SA (formerly Oncomethylome Sciences)
Medical Diagnostic Laboratories L.L.C. (MDL)
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NewGene

Pathway Genomics
Pathwork Diagnostics
PGXL Laboratories
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 Genetic Analysis Products
Sequentia, Inc.
Signal Genetics
Sonic Healthcare
SureGene, LLC
Veracyte. Inc.
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XDx Inc. – Expression Diagnostics

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