

2016-2020 Future Horizons and Growth Strategies in the Italian Molecular Diagnostics Market: Supplier Shares, Country Segment Forecasts, Competitive Intelligence, Opportunities

<https://marketpublishers.com/r/288E82C1CA7EN.html>

Date: March 2016

Pages: 1117

Price: US\$ 5,360.00 (Single User License)

ID: 288E82C1CA7EN

Abstracts

This new 1117-page report from VPGMarketResearch contains 55 tables, and presents a comprehensive analysis of the Italian molecular diagnostics market, including:

Major issues pertaining to the Italian molecular diagnostics laboratory practice, as well as key economic, regulatory, demographic, social and technological trends with significant market impact during the next ten years.

An extensive review of DNA probe and biochip technologies, test formats, detection methodologies, trends in testing automation and amplification methods.

Ten-year test volume and reagent sales forecasts for the following categories:

Infectious Diseases

Genetic Diseases

Cancer

Paternity Testing/HLA Typing

Forensic Testing

Review of testing methodologies and instrumentation technologies.

Feature comparison of automated and semiautomated analyzers.

Sales and market shares of leading suppliers.

Over 60 specific opportunities for molecular diagnostic instruments, test systems, IT and auxiliary products.

Profiles of major suppliers, and emerging market entrants, including their sales, product portfolios, marketing tactics, technological know-how, new products in R&D, collaborative arrangements and business strategies.

Alternative market penetration strategies.

Potential market entry barriers and risks.

Business planning issues and concerns.

Contains 1,117 pages and 55 tables

Contents

I. INTRODUCTION

II. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

- A. Instrumentation
- B. Reagent Kits and Test Systems/panels
- C. Computers, Software and Automation
- D. Auxiliary Products

III. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

IV. ALTERNATIVE MARKET PENETRATION STRATEGIES

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies For Decentralized Testing Markets

V. POTENTIAL MARKET ENTRY BARRIERS AND RISKS

- A. Market Maturity
- B. Cost Containment
- C. Competition
- D. Technological Edge And Limitations
- E. Patent Protection
- F. Regulatory Constraints
- G. Decentralized Testing Market Challenges

VI. WORLDWIDE MARKET AND TECHNOLOGY REVIEW

- A. DNA Sequencing
 - 1. INTRODUCTION
 - 2. Sequencing Methods
 - 3. Autoradiography
 - 4. The Human Genome Project
 - 5. Sequencing Automation
 - 6. Image Scanners

7. Fluorescent Detection
 8. Gene Profiling
 9. Gene Expression
 10. Polymorphism Screening
 11. Protein Interaction Networks
- B. DNA and RNA Probe Technologies**
1. Basic Principles
 2. Probe Preparation
 3. The DNA Probe Test
 4. Test Formats
 5. Labeling Techniques
 6. Amplification Methods
- C. Detection Technologies**
1. Radioactive Methods
 - a. Overview
 - b. Major Isotopes
 - P
 - S
 - H
 - I
 2. NonIsotopic Methods
 - a. Enzymatic Labels
 - b. Chemical Labeling
 - Indirect Chemical Labeling
 - Direct Chemical Labeling
 - c. Fluorescence
 - d. Chemiluminescence
 - e. Electrical Conductivity
- D. Molecular Diagnostic Instrumentation Review**
1. Abbott LCx
 2. Beckman Coulter/Biomek FK
 3. BD Viper System with XTR Technology
 4. BD Innova
 5. Becton Dickinson SDA
 6. bioMerieux NucliSENS easyMAG
 7. bioMerieux NucliSENS easyQ and MiniMAG
 8. BioRad GeneScope
 9. Cepheid GeneXpert
 10. Curetis Unyvero

11. GenMark Dx eSensor XT-
 12. Hologic/GenProbe Panther
 13. Hologic/GenProbe Tigris/DTS
 14. HTG Molecular Edge
 15. Life Technologies QuantStudio Dx
 16. Qiagen QIA Symphony RGQ
 17. Roche Cobas Amplicor
 18. Roche Cobas TaqMan
 19. Roche Cobas TaqMan
 20. ROCHE COBAS TAQMAN AMPLIPREP
 21. Roche LighCycler
 22. Roche Cobas 4800
 23. Roche Cobas s
 24. Siemens Versant
 25. Tecan LS Series
- E. Biochips: Genosensors, Microarrays, and LabsontheChip
- Liquid Transportation and Mixing
 - Separation
 - Reaction
 - Detection
- F. Pharmacogenomics
- G. Major Applications
1. Microbiology/Infectious Diseases
 - a. Overview
 - b. Major Infectious Diseases
 - AIDS: HIV/HIV1/2/Combo, HIVAg/HIV NAT, Western Blot, HTLV I/II
 - Adenovirus
 - Aeromonas
 - Anthrax/Bacillus Anthracis
 - Arboviruses
 - Babesiosis
 - Bacillary Epithelioid Angiomatosis (BEA) and Other Bartonella (Rochalimaea)
 - Blastocystis Hominis
 - Brucella
 - Campylobacter
 - Candida
 - Chagas Disease
 - Chancroid
 - Chlamydia

Clostridium Difficile
Coronaviruses
Coxsackieviruses
CreutzfeldtJakob's Disease
Cryptosporidium Parvum
Cyclospora Cayetanensis
Cytomegalovirus
Ebola Virus
E. Coli
EchoVirus
Encephalitis
Enteroviruses
EpsteinBarr Virus
Giardia Lamblia
Gonorrhea
Granuloma Inguinale
Hantavirus
Helicobacter Pylori
Hepatitis: HAV NAT, HBV NAT, HBs Ag, HCV, HCV NAT, AntiHBc, AntiHBs,
AntiHAV, Hepatitis Delta, HBc Ag, HBe Ag, ALT/SGPT
Herpes Simplex Virus
HUMAN HERPES VIRUS6 (HHV6)
Influenza Viruses
Legionella
Lyme Disease
Lymphogranuloma Venereum (LGV)
Malaria
Measles (Rubeola)
Meningitis
Microsporidium
Mononucleosis
Mumps
Mycoplasma
Papillomaviruses
Parvovirus B19
Pneumonia
Polyomaviruses
Pseudomonas Aeruginosa
Rabies

- Respiratory Syncytial Virus (RSV)
- Rhinoviruses
- Rotavirus
- Rubella
- Salmonellosis
- Septicemia
- Shigellosis
- Staphylococcus Aureus
- Streptococci
- Syphilis
- Toxoplasmosis
- Trichomonas Vaginalis
- Tuberculosis
- Vibrio
- West Nile Virus
- Yersina
- 2. Cancer Testing
 - a. Overview
 - b. Major Cancer Types
 - Prostate
 - Lung
 - Colon and Rectum
 - Breast
 - Skin
 - Uterine
 - Leukemia
 - Oral
 - c. Oncogenes
 - Abl/ablcr
 - AIB1
 - BCL
 - BRCA1
 - CD44

 - Cfos
 - Cmyb
 - Cmyc
 - CYP17
 - ErbB

HPC1

Nmyc

P40

P51

P53

PIK3CA

PTI

Ras

Reg

Sis

Src

3. Genetic Diseases

a. Overview

b. Nucleic Acid Amplification

c. Chromosome Imaging

d. Genomics Technologies

e. Proteomics Technologies

f. Current Pharmacogenomic Tests

g. Future Pharmacogenomic Testing

h. Major Diseases

Achondroplasia

Autosomal Dominant Polycystic Kidney Disease

Cancer

Cosmetogenomics

Cystic Fibrosis

Down's Syndrome

Duchenne and Becker Muscular Dystrophy

Factor V (Leiden)

Factor IX Deficiency

Fragile X Syndrome

Heart Disease

Hemochromatosis

Hemophilia

Huntington's Disease

MaternalFetal Incompatibility

Multiple Endocrine Neoplasia

Phenylketonuria (PKU)

Polycystic Kidney Disease (PKD)

Prenatal Screening

- Retinitis Pigmentosa
- Retinoblastoma
- Sickle Cell Anemia
- Spinal Muscular Atrophy
- Vitamin B12 Metabolism
- i. Social Issues and Concerns
- 4. Forensic Testing
 - a. Overview
 - b. Multilocus and Single Locus Probes
 - Multilocus Probes
 - Single Locus Probes
 - PCR and RFLP
 - c. The FBI
 - d. DNA Profile Data Banks
 - U.S.A.
 - U.K.
 - e. Judicial Implementation
 - f. Major Crime Categories
 - g. Factors Contributing to the DNA Probe Market Expansion
 - Technology Availability
 - Use of Hair as Evidence
 - h. Wildlife Forensics
- 5. Paternity Testing/HLA Typing
- 6. Other Applications
 - a. Disease Susceptibility Testing
 - b. Cardiovascular Diseases
 - c. Diabetes
 - d. Alzheimer's Disease
 - e. Periodontal Disease
 - f. Plasma Purification
 - g. Organ Transplantation
 - h. Water Contamination
 - i. Other
- H. Competing/complementing
 - 1. Monoclonal Antibodies/Immunoassays
 - 2. RNA Probes
 - 3. TwoDimensional Electrophoresis
 - 4. Flow Cytometry

VII. ITALY MOLECULAR DIAGNOSTICS MARKET

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Test Volume and Sales Forecasts, Major Supplier Sales and Market Shares

VIII. COMPETITIVE ASSESSMENTS

Abbott
Affymetrix
Agilent Technologies
Applied Gene Technologies
Arca Biopharma
Beckman Coulter/Danaher
Becton Dickinson
Biokit
bioMerieux
BioRad
Biotest
Cepheid
CellMark Forensics/LabCorp
Decode Genetics
Diadexus
Eiken
Elitech Group
Enzo
Exact Sciences
Fujirebio
Grifols
Hologic/GenProbe
Illumina
Kreatech/Leica
LiCor Biosciences
Monogram Biosciences/LabCorp
Myriad Genetics
OrthoClinical Diagnostics
Perkin Elmer/Caliper

Proteome Sciences

Qiagen

Roche

Scienion

Sequenom

Shimadzu

Siemens

Sierra Molecular

Takara Bio

Tecan Group

Thermo Fisher

XIII. APPENDIX: MAJOR UNIVERSITIES AND RESEARCH CENTERS DEVELOPING MOLECULAR DIAGNOSTIC TECHNOLOGIES

List Of Tables

LIST OF TABLES

Major Companies Developing or Marketing AIDS Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Adenovirus Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Bartonella Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Campylobacter Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Candida Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Chlamydia Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Clostridium Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Coronavirus Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Cryptosporidium Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing CMV Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Echovirus Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Enterovirus Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing EBV Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Giardia Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Gonorrhoea Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Hantavirus Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Helicobacter Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Hepatitis Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Herpes Molecular Diagnostic and Other Direct Identification Tests Major Companies Developing or Marketing Influenza Molecular

Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Legionella Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Lyme Disease Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Measles Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Meningitis Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Mononucleosis
Molecular Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Mumps Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Mycoplasma Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Pneumonia Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing RSV Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Rotavirus Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Rubella Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Salmonella Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Septicemia Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Shigella Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Streptococci Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Syphilis Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Toxoplasmosis
Molecular Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Trichomonas Molecular
Diagnostic and Other Direct
Identification Tests Major Companies Developing or Marketing Tuberculosis Molecular
Diagnostic and Other Direct

Identification Tests Oncogenes Potential Application in Cancer Diagnosis
Major Companies Developing or Marketing Cancer Molecular Diagnostic Tests
Major Companies Developing or Marketing Molecular Diagnostic Tests For Genetic Diseases
Italy Molecular Diagnostics Test Volume And Sales By Major Application
Italy Laboratories Performing DNA Sequencing By Market Segment
Italy Molecular Diagnostics Market Potential Laboratory Universe by Market Segment
Italy Molecular Diagnostics Test Volume By Major Application
Italy Major Infectious Disease Test Volume by Assay
Italy Major Infectious Disease Test Volume by Method
Italy Molecular Diagnostics Market By Major Application
Italy Molecular Diagnostics Market Estimated Sales And Market Shares of Major Suppliers
Italy Major Infectious Disease Diagnostics Market by Assay
Italy AIDS Testing Market Estimated Sales by Major Supplier
Italy CMV Testing Market Estimated Sales by Major Supplier
Italy Gonorrhoea Testing Market Estimated Sales by Major Supplier
Italy Hepatitis Testing Market Estimated Sales by Major Supplier
Italy Hepatitis C Testing Market Estimated Sales by Major Supplier
Italy HIV/Hepatitis Blood Screening NAT Market Reagent Sales by Major Supplier
Italy Herpes Testing Market Estimated Sales by Major Supplier
Italy Influenza Testing Market Estimated Sales by Major Supplier
Italy Meningitis Testing Market Estimated Sales by Major Supplier
Italy Mycoplasma Testing Market Estimated Sales by Major Supplier
Italy RSV Testing Market Estimated Sales by Major Supplier

I would like to order

Product name: 2016-2020 Future Horizons and Growth Strategies in the Italian Molecular Diagnostics Market: Supplier Shares, Country Segment Forecasts, Competitive Intelligence, Opportunities

Product link: <https://marketpublishers.com/r/288E82C1CA7EN.html>

Price: US\$ 5,360.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/288E82C1CA7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970