

2022-2026 Uruguay Molecular Diagnostics Market Opportunities-Competitive Shares and Growth Strategies, Volume and Sales Segment Forecasts for 100 Infectious, Genetic, Cancer, Forensic and Paternity Tests-Latest Technologies and Instrumentation Pipeline, Emerging Opportunities for Suppliers

https://marketpublishers.com/r/2E876C73704BEN.html

Date: January 2022 Pages: 0 Price: US\$ 2,450.00 (Single User License) ID: 2E876C73704BEN

Abstracts

This new report from LeadingMarketResearch.com is designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities in the molecular diagnostics market during the next five years.

Highlights

Five-year test volume and sales forecasts

Feature comparison of major analyzers

Profiles of market players and start-up firms developing innovative technologies and products

Specific product and business opportunities for instrument and consumable suppliers.

Rationale



The molecular diagnostics market is unquestionably the most rapidly growing segment of the in vitro diagnostics industry. The next five years will witness significant developments in reagent systems and automation, as well as introduction of a wide range of new products that will require innovative marketing approaches. The rate of market penetration into routine clinical laboratories, however, will depend on the introduction of cost-effective and automated systems with amplification methods.

In order to successfully capitalize on the opportunities presented by the molecular diagnostics market, many companies are already exploiting new molecular technologies as corporate strategic assets, managed in support of business and marketing strategies. Integrating new technology planning with business and corporate strategies will be one of the most challenging tasks for diagnostic companies during the next five years.

Market Segmentation Analysis

Sales and market shares of key suppliers of molecular diagnostic reagent kits and components in major markets.

Five-year test volume and sales forecasts for major applications, including:

Infectious Diseases, Forensic Testing, Cancer, Paternity Testing/HLA Typing, Genetic Diseases, and Others

Five-year test volume and sales projections for over 30 NAT assays.

A comprehensive analysis of the sequencing market, by country and laboratory segment, including:

Industrial, Academic, Government, Commercial

Market segmentation analysis, including review of the market dynamics, trends, structure, size, growth and suppliers in major countries.

Product/Technology Review

Comparison of leading molecular diagnostic analyzers.



Review of molecular diagnostic technologies, test formats, detection methodologies, trends in testing automation and over 30 target/signal amplification methods, including:

PCR
bDNA
SDA
NASBA
ТМА
SSSR, and others
LCR

Companies, universities and research centers developing new molecular diagnostic technologies and products.

Competitive Assessments

Strategic profiles of major suppliers and emerging market entrants, including their sales, product portfolios, marketing tactics, collaborative arrangements and new technologies/products in R&D.

Opportunities and Strategic Recommendations

New product development opportunities with potentially significant market appeal

Alternative market penetration strategies.

Potential market entry barriers and risks.

Business planning issues and concerns.



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. 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

2022-2026 Uruguay Molecular Diagnostics Market Opportunities-Competitive Shares and Growth Strategies, Volume...



- 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
 - 2. Non-Isotopic Methods
- D. Instrumentation

Review of latest analyzers from Abbott, Beckm an Coulter/Danaher, Becton Dickinson, bioMerieux, Bio-Rad, Cepheid, Hologic, Qiagen, Roche, Siemens Healthineers, and others.

E. Biochips: Genosensors, Microarrays, Labs-on-the-Chip

Liquid Transportation and Mixing

- Separation
- Reaction
- Detection
- F. Pharmacogenomics
- G. Major Applications
 - 1. Microbiology/Infectious Diseases
 - a. Overview
 - b. Major Infectious Diseases
 - AIDS/HIV
 - Adenovirus
 - Aeromonads
 - Anthrax/Bacillus Anthracis
 - Arboviruses
 - Babesiosis
 - Bacillary Epithelioid Angiomatosis (BEA), other Bartonella (Rochalimaea)
 - Blastocystis Hominis
 - Brucella
 - Campylobacter



Candida

- Chagas Disease
- Chancroid
- Chlamydia
- **Clostridium Difficile**
- Coronaviruses
- Coxsackieviruses
- Creutzfeldt-Jakob's Disease
- Cryptosporidium Parvum
- Cyclospora Cayetanensis
- Cytomegalovirus
- Ebola Virus
- E. Coli
- **EchoVirus**
- Encephalitis
- Enteroviruses
- **Epstein-Barr Virus**
- Giardia Lamblia
- Gonorrhea
- Granuloma Inguinale
- Hantavirus
- Helicobacter Pylori
- Hepatitis
- Herpes Simplex Virus
- Human Herpes Virus-6 (HHV-6)
- Influenza Viruses
- Legionella
- Lyme Disease
- Lymphogranuloma Venereum (LGV)
- Malaria
- Measles (Rubeo la)
- 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

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

The report provides review of both current and emerging oncogenes, including:

Abl/abl-bcr

AIB1

BCL-2

BRCA1

CD44

2022-2026 Uruguay Molecular Diagnostics Market Opportunities-Competitive Shares and Growth Strategies, Volume...



C-fos C-myb C-myc CYP17 Erb-B HPC1 N-myc P40 P51 P53 PIK3CA PTI-1 Pac

- 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
 - Hemochomatosis
 - Hemophilia
 - Huntington's Disease



- Maternal-Fetal 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
 - c. DNA Profile Data Banks
 - d. Judicial Implementation
 - e. Major Crime Categories
 - f. Factors Contributing to the DNA Probe Market Expansion
 - Technology Availability
 - Use of Hair as Evidence
 - g. 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. Two-Dimensional Electrophoresis
 - 4. Flow Cytometry

VII. 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

The report provides strategic assessments of over 40 leading molecular diagnostics market players and start-up companies with innovative technologies and products, including:

Abbott, Agilent Technologies, Beckman Coulter/Danaher, Becton Dickinson, bioMerieux, Bio-Rad, Cepheid, DiaSorin, Eiken Chemical, Enzo, Fujirebio, Grifols, Hologic, Illumina, LabCorp/Sequenom, Leica Biosystems, Myriad Genetics, Ortho-Clinical Diagnostics, Qiagen, Quest Diagnostics, Quidel, Roche, Shimadzu, Siemens Healthineers, Sierra Molecular, Takara Bio, Tecan Group, Thermo Fisher, Wako and others.

IX. APPENDIX: MAJOR UNIVERSITIES AND RESEARCH CENTERS DEVELOPING INNOVATIVE MOLECULAR DIAGNOSTIC TECHNOLOGIES AND PRODUCTS



I would like to order

Product name: 2022-2026 Uruguay Molecular Diagnostics Market Opportunities-Competitive Shares and Growth Strategies, Volume and Sales Segment Forecasts for 100 Infectious, Genetic, Cancer, Forensic and Paternity Tests-Latest Technologies and Instrumentation Pipeline, Emerging Opportunities for Suppliers

Product link: https://marketpublishers.com/r/2E876C73704BEN.html

Price: US\$ 2,450.00 (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 <u>https://marketpublishers.com/r/2E876C73704BEN.html</u>

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

Custumer signature ____

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



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