

Future Spanish Microbiology Testing Market Outlook

https://marketpublishers.com/r/S9F97A5FE73EN.html

Date: February 2012

Pages: 960

Price: US\$ 4,720.00 (Single User License)

ID: S9F97A5FE73EN

Abstracts

Highlights

Comprehensive 960-page analysis of the Spanish microbiology testing market.

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

Current scientific views on the definition, epidemiology, and etiology of major infectious diseases and microorganisms.

Ten-year test volume and sales forecasts for nearly 80 microbiology tests performed in Spanish hospitals, blood banks and commercial laboratories.

Instrumentation technologies and feature comparison of leading analyzers.

Sales and market shares of leading suppliers.

Emerging diagnostic technologies and their potential market applications.

Product development opportunities.

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

Business opportunities and strategic recommendations for suppliers.



Contains 960 pages and 153 tables



Contents

INTRODUCTION

WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

A. MAJOR INFECTIOUS DISEASE TESTS

1. AIDS

a. Background

Structure and Composition

Classification

Origin of AIDS

Animal Lentivirus Systems

Virus Receptos

HIV Infections in Humans

Pathogenesis & Pathology: Overview of HIV Infection Course

CD4T Lymphocytes and Memory Cells

Monocytes and Macrophages

Lymphoid Organs

Neural Cells

Viral Coinfections

Clinical Findings

Plasma Viral Load

Pediatric AIDS

Neurologic Disease

Opportunistic Infections

Cancer

Immunity

Virus Isolation

Serology

Detection of Viral Nucleic Acid and Antigens

Infectivity

Epidemiology

Worldwide Spread of AIDS

United States

Routes of Transmission

b. Diagnostic Tests

Laboratory Diagnosis



Enzyme Immunoassay Interpretation

Specific, Sensitivity, and Predictive Value of Enzyme Immunoassays

Competition Assays

Western Blot Technique

Immuno-Fluorescence Assay (IFA)

Radioimmunoprecipitation

HIV-1/HIV-2 Combination Testing

Methods of HIV-Antigen Detection

Antigen Assays and Blood Screening

Urine Tests

Immunopathogenic Mechanism of HIV Infection

DNA Probes

Overview

Quantitative Polymerase Chain Reaction

In Situ PCR

Needed Improvements

Viral Load/Drug Resistance Testing

Genotype and Phenotype Testing

Blood Banking Consideration

c. Vaccines and Drugs

Antiviral Drugs

Vaccines Against HIV

Transmission of HIV in Blood Products

HIV Transmission in Transplant and Artificial Insemination Recipients

- 2. Adenovirus
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
 - d. Adeno-Associated Viruses(AAV)
- 3. Aeromonas
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 4. Anthrax/Bacillus Anthracis
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 5. Arboviruses
 - a. Background



- b. Diagnostic Tests
- c. Vaccines and Drugs
- 6. Babesiosis
 - a. Background
- 7. Bacillary Epithelioid Angiomatosis (BEA) And Other Bartonella (Rochalimaea)
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 8. Blastocystis Hominis
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 9. Brucella
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 10. Campylobacter
- a. Background
- b. Diagnostic Tests

Identification from Culture

- c. Vaccines and Drugs
- 11. Candida
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 12. Chagas Disease
- a. Background
- 13. Chancroid
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 14. Chlamydia
 - a. Background

Chlamydia Psittaci

Chlamydia Pneumoniae

Chlamydia Trachomatis

- b. Diagnostic Tests
- c. Vaccines and Drugs
- 15. Clostridium Difficile



a. Background

Pediatric Infections

Epidemiology

b. Diagnostic Tests

Counterimmunoelectrophoresis

Fluorescent-Antibody Assays

Poloymerase Chain Reactions

- c. Drugs and Vaccines
- 16. Coronaviruses
- a. Background
- b. Diagnostic Tests
- c. Vaccines and Drugs
- 17. Coxsackieviruses
 - a. Background

Herpangina

Hand-foot-and-mouth syndrome

Hepidemic Conjuctivitis

Pharingitis

Epidemic Pleurodynia

Myodarditis, Pericarditis

Overwhelming Infection of the Newborn

Acute Aseptic Meningitis

Undifferentiated Febrile Illness

Fever with upper respiratory infection

Encephalitis

Asymptomatic Infection

- b. Diagnostic Tests
- c. Vaccines and Drugs
- 18. Creutzfeldt-Jakob's Disease
- a. Background

Blood Transmission

b. Diagnostic Tests

Major Commercial and Academic Players

Bayer

Disease Sciences/Bio Tec Global

Imperial College of Medicine

Ortho-Clinical Diagnostics

Pall

ProMetic Life Sciences



Proteome Sciences/Idexx

Q-One Biotech

Serono

U.S. Agricultural Research Service

- c. Vaccines
- 19. Cryptosporidium Parvum
 - a. Background
 - b. Diagnostic Tests

Histologic

Laboratory Parasitology

Serodiagnosis

- c. Vaccines and Drugs
- 20. Cyclospora Cayetanensis
 - a. Background

Asymptomatic Infection

Diarrhea in Immunocompetent Persons

Diarrhea in Immunocompromisedersons

- b. Diagnostic Tests
- c. Vaccines and Drugs
- 21. Cytomegalovirus
 - a. Background

Chorioretinitis

Gastrointestinal

Central Nervous System Disease

- b. Diagnostic Tests
- c. Vaccines and Drugs
- 22. Ebola Virus
 - a. Background

Epidemiology

Hemorrhagic Fever

- b. Diagnostic Tests
- c. Vaccines and Drugs
- 23. E. Coli
 - a. Background

Role of Escherichia Coli in Causing Diarrhea

EPEC

ETEC

EIEC

EHEC



- b. Diagnostic Tests
- c. Vaccines and Drugs
- 24. EchoVirus
 - a. Background

Acute Aseptic Miningitisis

Encephalitis

Exanthems

Respiratory Disease

Myope;ricarditis

Neonatal Infections

- b. Diagnostic Tests
- c. Vaccines and Drugs
- 25. Encephalitis
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 26. Enteroviruses
 - a. Background
 - b. Diagnostic Tests

Viral Isolation and Identification

Antibody Tests

- c. Vaccines and Drugs
- 27. Epstein-Barr Virus
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 28. Giardia Lamblia
 - a. Background

Life Cycle and Morphology

Morphology of Trophozoites

Clinical Disease

- b. Diagnostic Tests
- c. Vaccines and Drugs
- 29. Gonorrhea
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 30. Granuloma Inguinale
 - a. Background



- b. Diagnostic Tests
- c. Vaccines and Drugs
- 31. Hantavirus
 - a. Background

Identification of the Agent

Transmission

Other Rodent Hantaviruses

Distribution

Hantavirus Diseases

Epidemiology

Addendum in Proof-Northeastern Connection

Previously Unknown Pathogens

Cases Nationwide

b. Diagnostic Tests

An Immunohistochemistry Approach

Hantavirus Rapid Diagnostic Test

ELISA Diagnosis of Hantavirus Pulmonary Syndrome

IgG ELISA

IgM Capture ELISA

- c. Vaccines and Drugs
- 32. Helicobacter Pylori
 - a. Background

Pathogenesis

Role in Peptic Ulcer Disease

Role in Gastric Cancer

Nonulcer Dyspepsia

- b. Diagnostic Tests
- c. Vaccines and Drugs

Specific Therapeutic Regimens

Who Should Be Treated?

Participants in Controlled Clinical Trials

Patients with Refractory Peptic Ulcer

Patients with Refractory NUD

Patients in High-Risk Groups for Gastric Cancer

- 33. Hepatitis
 - a. Background
 - b. Hepatitis A
 - c. Hepatitis B
 - d. Hepatitis C



Classification

Transmission of Infection

Occupational Hazards

Acute Hepatitis

Diagnosis of Acute Infection

Chronic Hepatitis

HCV and Other Chronic Liver Diseases

Alcoholic Liver Disease

Hepatitis B Coinfection

Cirrhosis and Hepatocellular Carcinoma

Diagnostic Tests

Possible Indications for HCV RNA Testing

Conclusions and Future Direction

e. Hepatitis D

Historical Perspective

Epidemiology

HBV-HDV ""Coinfection"" vs. ""Superinfection""

Methods of Detecting HDV

Prevention

f. Hepatitis E

Background

Prevalence of the Disease

Diagnostic Tests

Epidemiologic Serosurveys

Serologic Cross-Reactivity

g. Hepatitis G

Vaccines and Drugs

- 34. Herpes Simplex Virus
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 35. Human Herpes Virus-6 (HHV-6)
 - a. Background

HIV-6 Infections

- b. Diagnostic Tests
- c. Vaccines and Drugs
- 36. Influenza Viruses
 - a. Background
 - b. Diagnostic Tests



- c. Vaccines and Drugs
- 37. Legionella
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 38. Lyme Disease
 - a. Background

Clinical Description

Clinical Case Definition

Laboratory Criteria for Diagnosis

Case Classification

- b. Diagnostic Tests
- c. Vaccines and Drugs
- 39. Lymphogranuloma Venereum (LGV)
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 40. Malaria
 - a. Background
 - b. Diagnostic Tests

Potential Diagnositic Problems with Positive Patients from Non-endemic Areas

Patient

Laboratory

Physician

- c. Vaccines and Drugs
- 41. Measles (Rubeola)
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 42. Meningitis
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs

Development of Polysaccharide Vaccines

Quadrivalent Vaccine Development

Meningococcal A.C.Y. & W-135 Vaccines

Efficacy of Group C Vaccine

Efficacy of Group A Vaccine

Combinations of Group A and C Vaccines



Group B Efficacy Trials

Future Direction

- 43. Microsporidium
 - a. Background

Prevalence and Geographic Distribution

Sources of Human Infection and Transmission

b. Diagnostic Tests

Light Microscopic Examination of Stool Specimens By Chromotrope Staining

Stool Concentration Methods

Chemofluorescent Agents

Giemsa Staining of Stool Specimens

Cytologic Diagnosis

Histologic Examination

Electron Microscopy

Examination of Bodily Fluids

Examination of Tissue Sections

Immunofluorescence Detection Procedures

Serology

Cell Culture

Approach to Diagnosis

Evaluation of Patients with Presumptive

Intestinal Microsporidiosis

Evaluation of Patients with Presumptive

Ocular Microsporidiosis

- c. Vaccines and Drugs
- 44. Mononucleosis
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 45. Mumps
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs

Efficacy of Vaccination

Future Issues

- 46. Mycoplasma
 - a. Background

Ureaplasma Urealyticum & Mycoplasma Hominis

b. Diagnostic Tests



- c. Vaccines and Drugs
- 47. Papillomaviruses
 - a. Background

HPV in Cancer

Cervical Neoplasm

- b. Diagnostic Tests
- c. Vaccines and Drugs

Prevention

- 48. Parvovirus B19
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 49. Pneumonia
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 50. Polyomaviruses
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 51. Pseudomonas Aeruginosa
 - a. Background

Virulence Factors

- b. Diagnostic Tests
- c. Vaccines and Drugs
- 52. Rabies
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 53. Respiratory Syncytial Virus (RSV)
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 54. RhinoViruses
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 55. RotaVirus (REOVIRUS)
 - a. Background



- b. Diagnostic Tests
- c. Vaccines and Drugs
- 56. Rubella(MEASLES)
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs

Developing Countries

Elimination and Eradication of Measles

New Developments

- 57. Salmonellosis
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 58. Septicemia
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 59. Shigellosis
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 60. Staphylococcus Aureus
 - a. Background

The Genus Taphylococcus

- b. Diagnostic Tests
- c. Vaccines and Drugs

Prevention

- 61. Streptococci
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs

Group A Streptococci

Group B Streptococci

- 62. Syphilis
 - a. Background
 - b. Diagnostic Tests

Biopsy

Rabbit Infectivity Testing

Other Diagnostic Modalities



- c. Vaccines and Drugs
 - Syphilis and HIV Infection
 - Syphilis As a Cofactor for HIV Transmission
 - **Basic Science Issues**
- 63. Toxoplasmosis
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 64. Trichomonas Vaginalis
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 65. Tuberculosis
 - a. Background
 - b. Diagnostic Tests

Microscopic Characteristics

Cultural Characteristics

Detection of Antibodies

Skin Tests

MDRTB

- c. Vaccines and Drugs
- 66. Vibrio
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs
- 67. West Nile Virus
 - a. Background

Clinical Syndromes

- b. Diagnostic Tests
- c. Vaccines and Drugs
- 68. Yersina
 - a. Background
 - b. Diagnostic Tests
 - c. Vaccines and Drugs

B. INSTRUMENTATION REVIEW AND MARKET NEEDS

Abbott AxSYM

Abbott IMx/IMx Select



Anagen AN2000/AuraFlex

Beckman Coulter Access

BioChem Pharma/SR1

BioMerieux/Vitek Vidas

Biotrol System 7000

Chiron ACS: Centaur

Chiron ACS: 180

J&J Diagnostics/Amersham Amerlite

J&J Diagnostics Vitros ECi

Olympus PK310

Roche Cobas Core

Roche Elecsys 1010/2010

Roche ES 22

Roche ES 33

Roche ES 300/300AL

Siemens ELISA Processor II/III

Siemens Immuno 1

Siemens/Opus/Plus/Magnum

Siemens Stratus

Tosoh AIA-1200/1200DX/NexIA/600

Wallac/Pharmacia Delfia

C. EMERGING DIAGNOSTIC TECHNOLOGIES

- 1. DNA Probes
- a. Technology Overview
- b. Amplification Methods

Polymerase Chain Reaction

Robotics

Temperature Cyclers

PCR Variations

Immuno-PCR

QC-PCR

DAP-PCR

Ligase Chain Reaction

Branched DNA

Q-Beta Replicase

Nucleic-Acid Sequence-Based

Strand Displacement Activation



Self-Sustained Sequence Replicase

- 2. Monoclonal Antibodies
- 3. Immunoassays
 - a. Technological Principle
 - b. Enzyme Immunoassays (EIA)

Overview

ELISA

Dot Immunobinding Assays

Capillary Immunoassays

Particle-Membrane Capture Immunoassays

Enzyme Amplification

c. Fluorescent Immunoassays

Fluorescence Polarization

Time-Resolved Pulse Fluorescence

d. Luminescence

Chemiluminescence

Bioluminescence

- e. Latex Agglutination
- f. Immunoprecipitation
- 4. Differential Light Scattering
- 5. Microcomputers and Automation
- 6. Artificial Intelligence
- 7. Liposomes
- 8. Flow Cytometry
- 9. Chromatography
- 10. MRI
- 11. Gel Microdroplets
- 12. Other

D. PERSONAL TESTING

E. WORLDWIDE BUSINESS ENVIRONMENT

F. WORLDWIDE MARKET STRUCTURE

G. WORLDWIDE MARKET SIZE AND GROWTH

Spain A. Executive Summary

B. Business Environment



- C. Market Structure
- D. Market Size, Growth and Major Suppliers

Major Product Development Opportunities

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

Design Criteria for Decentralized Testing Products Alternative Market Penetration Strategies

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies for Decentralized

Testing Markets

- 1. Marketing Approaches
- 2. Product Complexity
- 3. Customer Preference
- 4. Established Suppliers
- 5. Emerging Suppliers
- 6. Major Types of Distributors
- 7. Market Segmentation

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

Competitive Assessments

Abbott

Affymetrix

Beckman Coulter

Becton Dickinson

bioMerieux

Bio-Rad

Cepheid

Diamedix

DiaSorin



Eiken Chemical

Enzo Biochem

Fujirebio

Gen-Probe

Hologic

ID Biomedical

J&J Diagnostics

Kreatech

Life Technology

Lonza

Nanogen

Novartis Diagnostics

Qiagen

Roche

Scienion

Sequenom

SeraCare

Siemens

Takara Bio

Thermo Fisher

Wallac

Wako



List Of Tables

LIST OF TABLES

Major Companies Developing or Marketing AIDS Tests Major Companies Developing or Marketing Adenovirus Tests Major Companies Developing or Marketing Bartonella Tests Major Companies Developing or Marketing Campylobacter Tests Major Companies Developing or Marketing Candida Tests Major Companies Developing or Marketing Chlamydia Tests Major Companies Developing or Marketing Clostridium Tests Major Companies Developing or Marketing Coronavirus Tests Major Companies Developing or Marketing Cryptosporidium Tests Major Companies Developing or Marketing CMV Tests Major Companies Developing or Marketing Echovirus Tests Major Companies Developing or Marketing Enterovirus Tests Major Companies Developing or Marketing EBV Tests Major Companies Developing or Marketing Giardia Tests Major Companies Developing or Marketing Gonorrhea Tests Major Companies Developing or Marketing Hantavirus Tests Major Companies Developing or Marketing Helicobacter Pylori Tests Major Companies Developing or Marketing Hepatitis Tests Major Companies Developing or Marketing Herpes Tests Major Companies Developing or Marketing Influenza Tests Major Companies Developing or Marketing Legionella Tests Major Companies Developing or Marketing Lyme Disease Tests Major Companies Developing or Marketing Lymphogranuloma Tests Major Companies Developing or Marketing Malaria Tests Major Companies Developing or Marketing Measles Tests Major Companies Developing or Marketing Meningitis Tests Major Companies Developing or Marketing Microsporidium Tests Major Companies Developing or Marketing Mononucleosis Tests Major Companies Developing or Marketing Mumps Tests Major Companies Developing or Marketing Mycoplasma Tests Major Companies Developing or Marketing Papilloma Virus Tests Major Companies Developing or Marketing Parvovirus Tests Major Companies Developing or Marketing Pneumonia Tests Major Companies Developing or Marketing RSV Tests Major Companies Developing or Marketing Rotavirus Tests



Major Companies Developing or Marketing Rubella Tests

Major Companies Developing or Marketing Salmonella Tests

Major Companies Developing or Marketing Septicemia Tests

Major Companies Developing or Marketing Shigella Tests

Major Companies Developing or Marketing Staphylococci Tests

Major Companies Developing or Marketing Streptococci Tests

Major Companies Developing or Marketing Syphilis Tests

Major Companies Developing or Marketing Toxoplasmosis Tests

Major Companies Developing or Marketing Trichomonas Tests

Major Companies Developing or Marketing Tuberculosis Tests

Major Companies Developing or Marketing West Nile Tests

Major Companies Developing or Marketing Yersinia Tests

Worldwide All Market Segments Laboratories Performing Infectious Disease Tests by Country

Worldwide All Market Segments Total Microbiology Test Volume Forecast by Country Worldwide All Market Segments Total Microbiology Diagnostics Market Forecast by Country

Infectious Disease Tests Major Issues and Market Potential For Personal Testing Spain Summary Table All Infectious Diseases Test Volume and Diagnostics Sales Forecast by Market Segment

Spain Laboratories Performing Infectious Disease Tests by Market Segment

Spain Hospital Laboratories Performing Infectious Disease Tests by Bed Size

Spain Commercial/Private Laboratories Performing Infectious Disease Tests by Annual Test Volume

Spain All Market Segments Infectious Disease Test Volume Forecast

Spain Hospital Laboratories Infectious Disease Test Volume Forecast

Spain Blood Banks Infectious Disease Test Volume forecast

Spain Commercial/Private Laboratories Infectious Disease Test Volume Forecast

Spain All Market Segments Infectious Disease Diagnostics Market Forecast

Spain Hospital Laboratories Infectious Disease Diagnostics Market Forecast

Spain Blood Banks Infectious Disease Diagnostics Market Forecast

Spain Commercial/Private Laboratories Infectious Disease Diagnostics Market Forecast

Spain HIV or HIVI/HIVII Test Volume and Diagnostics Sales Forecast by Market Segment

Spain HTLV I or HTLV I/HTLV II Test Volume and Diagnostics Sales Forecast by Market Segment

Spain HIVAg Test Volume and Diagnostics Sales Forecast by Market Segment Spain Western Blot/Other Confirmatory Test Volume and Diagnostics Sales Forecast by Market Segment



Spain Adenovirus Test Volume and Diagnostics Sales Forecast by Market Segment Spain Aeromonads Test Volume and Diagnostics Sales Forecast by Market Segment Spain BEA Test Volume and Diagnostics Sales Forecast by Market Segment Spain Blastocystis Hominis Test Volume and Diagnostics Sales Forecast by Market Segment

Spain Campylobacter Test Volume and Diagnostics Sales Forecast by Market Segment Spain Candida Test Volume and Diagnostics Sales Forecast by Market Segment Spain Chancroid Test Volume and Diagnostics Sales Forecast by Market Segment Spain Chlamydia Test Volume and Diagnostics Sales Forecast by Market Segment Spain Clostridium Test Volume and Diagnostics Sales Forecast by Market Segment Spain CoxsackieVirus Test Volume and Diagnostics Sales Forecast by Market Segment Spain Cryptosporidium Test Volume and Diagnostics Sales Forecast by Market Segment Segment

Spain Cyclospora Test Volume and Diagnostics Sales Forecast by Market Segment Spain CMV Test Volume and Diagnostics Sales Forecast by Market Segment Spain E. Coli Test Volume and Diagnostics Sales Forecast by Market Segment Spain Echovirus Test Volume and Diagnostics Sales Forecast by Market Segment Spain Encephalitis Test Volume and Diagnostics Sales Forecast by Market Segment Spain Enterovirus Test Volume and Diagnostics Sales Forecast by Market Segment Spain EBV Test Volume and Diagnostics Sales Forecast by Market Segment Spain Giardia Test Volume and Diagnostics Sales Forecast by Market Segment Spain Gonorrhea Test Volume and Diagnostics Sales Forecast by Market Segment Spain Helicobacter Pylori Test Volume and Diagnostics Sales Forecast by Market Segment Segment

Spain HAV NAT Test Volume and Diagnostics Sales Forecast by Market Segment Spain HBV NAT Test Volume and Diagnostics Sales Forecast by Market Segment Spain HbsAg Test Volume and Diagnostics Sales Forecast by Market Segment Spain Hepatitis C Test Volume and Diagnostics Sales Forecast by Market Segment Spain Anti-HBc Test Volume and Diagnostics Sales Forecast by Market Segment Spain Anti-HBs Test Volume and Diagnostics Sales Forecast by Market Segment Spain Anti-HAV Test Volume and Diagnostics Sales Forecast by Market Segment Spain Hepatitis Delta Test Volume and Diagnostics Sales Forecast by Market Segment Spain HBcAg Test Volume and Diagnostics Sales Forecast by Market Segment Spain HBeAg Test Volume and Diagnostics Sales Forecast by Market Segment Spain ALT/SGPT Test Volume and Diagnostics Sales Forecast by Market Segment Spain Herpes Simplex I and II Test Volume and Diagnostics Sales Forecast by Market Segment Spain Herpes Simplex I and II Test Volume and Diagnostics Sales Forecast by Market Segment

Spain Herpes Type VI Test Volume and Diagnostics Sales Forecast by Market Segment Spain HTLV-I/II Test Volume and Diagnostics Sales Forecast by Market Segment



Spain Influenza Test Volume and Diagnostics Sales Forecast by Market Segment Spain Legionella Test Volume and Diagnostics Sales Forecast by Market Segment Spain Lyme Disease Test Volume and Diagnostics Sales Forecast by Market Segment Spain Lymphogranuloma Test Volume and Diagnostics Sales Forecast by Market Segment

Spain Malaria Test Volume and Diagnostics Sales Forecast by Market Segment
Spain Measles Test Volume and Diagnostics Sales Forecast by Market Segment
Spain Meningitis Test Volume and Diagnostics Sales Forecast by Market Segment
Spain Microsporidium Test Volume and Diagnostics Sales Forecast by Market Segment
Spain Mononucleosis Test Volume and Diagnostics Sales Forecast by Market Segment
Spain Mumps Test Volume and Diagnostics Sales Forecast by Market Segment
Spain Mycoplasma Test Volume and Diagnostics Sales Forecast by Market Segment
Spain Papilloma Virus Test Volume and Diagnostics Sales Forecast by Market Segment
Spain Parvovirus Test Volume and Diagnostics Sales Forecast by Market Segment
Spain Pneumonia Test Volume and Diagnostics Sales Forecast by Market Segment
Spain Polyomaviruses Test Volume and Diagnostics Sales Forecast by Market Segment
Spain Polyomaviruses Test Volume and Diagnostics Sales Forecast by Market
Segment

Spain Pseudomonas Test Volume and Diagnostics Sales Forecast by Market Segment Spain Rabies Test Volume and Diagnostics Sales Forecast by Market Segment Spain RSV Test Volume and Diagnostics Sales Forecast by Market Segment Spain Rhinovirus Test Volume and Diagnostics Sales Forecast by Market Segment Spain Rotavirus Test Volume and Diagnostics Sales Forecast by Market Segment Spain Rubella Test Volume and Diagnostics Sales Forecast by Market Segment Spain Salmonella Test Volume and Diagnostics Sales Forecast by Market Segment Spain Septicemia Test Volume and Diagnostics Sales Forecast by Market Segment Spain Shigella Test Volume and Diagnostics Sales Forecast by Market Segment Spain Staphylococci Test Volume and Diagnostics Sales Forecast by Market Segment Spain Streptococci Test Volume and Diagnostics Sales Forecast by Market Segment Spain Syphilis Test Volume and Diagnostics Sales Forecast by Market Segment Spain Toxoplasmosis Test Volume and Diagnostics Sales Forecast by Market Segment Spain Trichomonas Test Volume and Diagnostics Sales Forecast by Market Segment Spain Tuberculosis Test Volume and Diagnostics Sales Forecast by Market Segment Spain Vibrio Test Volume and Diagnostics Sales Forecast by Market Segment Spain West Nile Test Volume and Diagnostics Sales Forecast by Market Segment Spain Yersinia Test Volume Amd Diagnostics Sales Forecast by Market Segment Spain AIDS Testing Market Diagnostics Sales by Major Supplier Spain Western Blot Testing Market Diagnostics Sales by Major Supplier Spain Chlamydia Testing Market Diagnostics Sales by Major Supplier Spain CMV Testing Market Diagnostics Sales by Major Supplier



Spain Gonorrhea Testing Market Diagnostics Sales by Major Supplier Spain Hepatitis Testing Market Diagnostics Sales by Major Supplier Spain Hepatitis C Testing Market Diagnostics Sales by Major Supplier Spain Herpes Testing Market Diagnostics Sales by Major Supplier Spain Influenza Testing Market Diagnostics Sales by Major Supplier Spain Lyme Disease Testing Market Diagnostics Sales by Major Supplier Spain Meningitis Testing Market Diagnostics Sales by Major Supplier Spain Mononucleosis Testing Market Diagnostics Sales by Major Supplier Spain Mycoplasma Testing Market Diagnostics Sales by Major Supplier Spain RSV Testing Market Diagnostics Sales by Major Supplier Spain Rotavirus Testing Market Diagnostics Sales by Major Supplier Spain Rubella Testing Market Diagnostics Sales by Major Supplier Spain Septicemia Testing Market Diagnostics Sales by Major Supplier Spain Streptococci Testing Market Diagnostics Sales by Major Supplier Spain Syphilis Testing Market Diagnostics Sales by Major Supplier Spain Toxoplasmosis Testing Market Diagnostics Sales by Major Supplier Spain Trichomonas Testing Market Diagnostics Sales by Major Supplier Spain Tuberculosis Testing Market Diagnostics Sales by Major Supplier Spain Infectious Disease Diagnostic Testing Instrumentation Major Systems Estimated Placements and Installed Base



I would like to order

Product name: Future Spanish Microbiology Testing Market Outlook
Product link: https://marketpublishers.com/r/S9F97A5FE73EN.html

Price: US\$ 4,720.00 (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/S9F97A5FE73EN.html