

2016 Emerging Nucleic Acid Testing Assays, and Strategic Profiles of Leading Reagent and Instrument Suppliers

<https://marketpublishers.com/r/26838AB6B93EN.html>

Date: March 2016

Pages: 549

Price: US\$ 3,080.00 (Single User License)

ID: 26838AB6B93EN

Abstracts

This 549-page report presents an overview of the clinical significance and market needs for major current and emerging NAT assays, as well as extensive listings of companies developing and marketing innovative technologies and products. This report also presents strategic assessments of current and emerging suppliers of nucleic acid testing products, including their sales, product portfolios, marketing tactics, technological know-how, new products in R&D, collaborative arrangements and business strategies.

Contains 549 pages and 22 tables

Contents

MICROBIOLOGY/INFECTIOUS DISEASES

- a. Overview
- b. Major Infectious Diseases
 - AIDS
 - Structure and Composition
 - Classification
 - AIDS Origins
 - Animal Lentivirus Systems
 - Virus Receptors
 - HIV Infections in Humans
 - Pathogenesis and Pathology
 - 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
 - Viral Nucleic Acid/Antigen Detection
 - Epidemiology
 - Worldwide Spread of AIDS
 - United States
 - Routes of Transmission
 - DNA Probes
 - Overview
 - Quantitative PCR
 - In Situ PCR
 - Needed Improvements
 - Viral Load/Drug Resistance Testing

Genotype and Phenotype Testing
Blood Banking Considerations

Adenovirus

Background

Diagnostic Tests

Vaccines and Drugs

Adeno-Associated Viruses (AAV)

Anthrax/Bacillus Anthracis

Background

Diagnostic Tests

Vaccines and Drugs

Babesiosis

Background

BEA and Other Bartonella Diseases

Background

Diagnostic Tests

Vaccines and Drugs

Chagas Disease

Background

Campylobacter

Background

Diagnostic Tests

Culture Identification

Vaccines and Drugs

Chlamydia

Background

Chlamydia psittaci

Chlamydia pneumoniae

Chlamydia trachomatis

Diagnostic Tests

Vaccines and Drugs

Creutzfeldt-Jakob's Disease

Background

Blood Transmission

Diagnostic Tests

Major Commercial and Academic Players

Bayer

Disease Sciences/Bio Tec Global

Imperial College School of Medicine

- Ortho-Clinical Diagnostics
- Pall
- ProMetic Life Sciences
- Proteome Sciences/Idexx
- Q-One Biotech
- Serono
- U.S. Agricultural Research Service
- Drugs
- Vaccines
- Cytomegalovirus
 - Background
 - Chorioretinitis
 - Gastrointestinal
 - Central Nervous System Disease
 - Diagnostic Tests
 - Vaccines and Drugs
- Ebola Virus
 - Background
 - Epidemiology
 - Clinical Syndromes
 - Diagnostic Tests
 - Vaccines and Drugs
- EchoVirus
 - Background
 - Acute Aseptic Meningitis
 - Encephalitis
 - Exanthems
 - Respiratory Disease
 - Myopericarditis
 - Neonatal Infections
 - Diagnostic Tests
 - Vaccines and Drugs
- Encephalitis
 - Background
 - Diagnostic Tests
 - Vaccines and Drugs
- Enteroviruses
 - Background
 - Diagnostic Tests

- Viral Isolation and Identification
 - Antibody Tests
 - Vaccines and Drugs
- Epstein-Barr Virus
 - Background
 - Diagnostic Tests
 - Vaccines and Drugs
- Gonorrhoea
 - Background
 - Diagnostic Tests
 - Vaccines and Drugs
- Hepatitis
 - Hepatitis A
 - Hepatitis B
 - Structure and Composition
 - Replication
 - Hepatitis C
 - Hepatitis D (Delta)
 - Hepatitis E
 - Hepatitis G
 - Hepatitis Infections Pathology
 - Clinical Findings
 - Laboratory Tests
 - Hepatitis A
 - Hepatitis B
 - Hepatitis C
 - Hepatitis D
 - Hepatitis E
 - Virus-Host Immune Reactions
 - Epidemiology
 - Hepatitis A
 - Hepatitis B
 - Hepatitis C
 - Hepatitis D (Delta)
 - Vaccines and Drugs
- Herpes Simplex Virus
 - Background
 - Diagnostic Tests
 - Vaccines and Drugs

Legionella

Background

Diagnostic Tests

Vaccines and Drugs

Lyme Disease

Background

Clinical Description

Clinical Case Definition

Laboratory Criteria for Diagnosis

Case Classification

Diagnostic Tests

Vaccines and Drugs

Malaria**Mycoplasma**

Background

Ureaplasma Urealyticum & Mycoplasma Hominis

Diagnostic Tests

Vaccines and Drugs

Papillomaviruses/HPV

Background

HPV in Cancer

Cervical Neoplasm

Diagnostic Tests

Vaccines and Drugs

Prevention

Parvovirus B19

Background

Microbiology

Epidemiology

Clinical Syndromes

Erythema Infectiosum (Slapped Cheek)

Adult Polyarthropathy

Transient Aplastic Crisis

Transient Pancytopenia

Red Cell Aplasia in Immunocompromised

Perinatal Infections

Diagnostic Test

Vaccines and Drugs

Pneumonia

- Background
- Diagnostic Tests
- Vaccines and Drugs
- Polyomaviruses
 - Background
 - Diagnostic Tests
 - Vaccines and Drugs
- Salmonellosis
 - Background
 - Diagnostic Tests
 - Vaccines and Drugs
- Shigellosis
 - Background
 - Diagnostic Tests
 - Vaccines and Drugs
- Streptococci
 - Background
 - Diagnostic Tests
 - Vaccines and Drugs
 - Group A Streptococci
 - Group B Streptococci
- Toxoplasmosis
 - Background
 - Diagnostic Tests
 - Vaccines and Drugs
- Tuberculosis
 - Background
 - Diagnostic Tests
 - Microscopic Characteristics
 - Cultural Characteristics
 - Skin Tests
 - MDRTB
 - Vaccines and Drugs
- West Nile Virus
 - Background
 - Clinical Syndromes
 - Diagnostic Tests
 - Vaccines and Drugs
- Yersinia

Background
Diagnostic Tests
Vaccines and Drugs
Antibiotic Susceptibility

CANCER TESTING

- a. Overview
- b. Major Cancer Types
 - Prostate
 - Lung
 - Colon and Rectum
 - Breast
 - Skin
 - Uterine
 - Leukemia
 - Oral
- c. Oncogenes
 - Abl/abl-bcr
 - AIB1
 - BCL-2
 - BRCA1
 - CD44
 - C-fos
 - C-myb
 - C-myc
 - CYP17
 - Erb-B
 - HPC1
 - N-myc
 - P40
 - P51
 - P53
 - PIK3CA
 - PTI-1
 - Ras
 - Reg
 - Sis
 - Src

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
 - 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

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

PATERNITY TESTING/HLA TYPING

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

COMPETITIVE PROFILES

Abbott
Affymetrix
Agilent Technologies
Applied Gene Technologies
Arca Biopharma
Beckman Coulter/Danaher
Becton Dickinson

Biokit
BioMerieux
Bio-Rad
Biotest
Cepheid
CellMark Forensics/LabCorp
Decode Genetics
Diadexus
Elitech Group
Eiken
Enzo
Exact Sciences
Fujirebio
Grifols
Hologic/Gen-Probe
Illumina
Kreatech/Leica
Li-Cor Biosciences
Monogram Biosciences
Myriad Genetics
Ortho-Clinical Diagnostics
Perkin Elmer/Caliper
Proteome Sciences
Qiagen
Roche
Scienion
Sequenom
Shimadzu
Siemens
Sierra Molecular
Takara Bio
Tecan Group
Thermo Fisher

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 Campylobacter 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 CMV 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 Gonorrhoea 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 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 Mycoplasma Molecular Diagnostic And Other Direct Identification Tests

Major Companies Developing or Marketing Papilloma Virus 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 Salmonella 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 Toxoplasmosis 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 Test For Genetic Diseases

I would like to order

Product name: 2016 Emerging Nucleic Acid Testing Assays, and Strategic Profiles of Leading Reagent and Instrument Suppliers

Product link: <https://marketpublishers.com/r/26838AB6B93EN.html>

Price: US\$ 3,080.00 (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/26838AB6B93EN.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

