

Nucleic Acid Testing (NAT) Market, 2019-2023: Supplier Shares by Product and Country, Emerging Technologies, Strategic Profiles of Leading Suppliers

<https://marketpublishers.com/r/N320753D5E0EN.html>

Date: July 2019

Pages: 180

Price: US\$ 3,850.00 (Single User License)

ID: N320753D5E0EN

Abstracts

This 180-page report provides detailed analyses of current and emerging nucleic acid testing technologies, and their potential market applications, including DNA sequencing, RNA probes, detection technologies, biochips, genosensors, microarrays, labs-on-the-chip, and other.

The 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 180 pages

Contents

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

DNA AND RNA PROBE TECHNOLOGY

1. Basic Principles
2. Probe Preparation
3. The DNA Probe Test
 - a. Sample Preparation
 - b. Hybridization
 - c. Separation
 - d. Detection/Measurement
4. Test Formats
 - a. Filter Hybridization
 - b. Southern Blot
 - c. Northern Blot
 - d. In Situ Hybridization
 - e. Others
5. Labeling Techniques
6. Amplification Methods
 - Polymerase Chain Reaction
 - Temperature Cyclers
 - PCR Variations
 - Immuno-PCR
 - QC-PCR
 - DAP-PCR

Strand Displacement Activation
TMA
Ligase Chain Reaction
Branched DNA
Hybridization Protection Assay
Nucleic-Acid Sequence-Based Amplification
Self-Sustained Sequence Replicase
Others
Ampliprobe
CAR
CAS
CPT
Dendritic Polymer Technology
ISO-CR
LAT
Probe Networks
RAMP
Repair Chain Reaction
Rolling Circles
Sequence Independent Gene Amplification
Sequence Initiation Reaction
SISPA
Solid Phase Amplification

DETECTION TECHNOLOGIES

1. Radioactive Methods
 - a. Overview
 - b. Major Isotopes
 - P-32
 - S-35
 - H-3
 - I-125
2. Non-Isotopic Methods
 - a. Enzymatic Labels
 - b. Chemical Labeling
 - Indirect Chemical Labeling
 - Direct Chemical Labeling
 - c. Fluorescence

- d. Chemiluminescence
- e. Electrical Conductivity

Biochips: Genosensors, Microarrays, and Labs-on-the-Chip

- Liquid Transportation and Mixing
- Separation
- Reaction
- Detection

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
Diadexus
Eiken
Elitech Group
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

I would like to order

Product name: Nucleic Acid Testing (NAT) Market, 2019-2023: Supplier Shares by Product and Country, Emerging Technologies, Strategic Profiles of Leading Suppliers

Product link: <https://marketpublishers.com/r/N320753D5E0EN.html>

Price: US\$ 3,850.00 (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/N320753D5E0EN.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

