

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

https://marketpublishers.com/r/GD5B5FCB3E0EN.html

Date: July 2019

Pages: 180

Price: US\$ 3,500.00 (Single User License)

ID: GD5B5FCB3E0EN

Abstracts

This 180-page report provides detailed analyses of current and emerging molecular diagnostic 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 molecular diagnostics 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 and RNA Probe Technologies

- 1. Basic Principles
- 2. Probe Preparation
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- 5. Labeling Techniques
- 6. Amplification Methods

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

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Direct Chemical Labeling

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BIOCHIPS: GENOSENSORS, MICROARRAYS, AND LABS-ON-THE-CHIP

Liquid Transportation and Mixing

Separation

Reaction

Detection

COMPETITIVE ASSESSMENTS

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

Eiken

Elitech Group

Enzo

Exact Sciences

Fujirebio

Grifols

Hologic/Gen-Probe

Illumina

Kreatech/Leica

Li-Cor Biosciences

Monogram Biosciences/LabCorp

Myriad Genetics

Ortho-Clinical Diagnostics

Perkin Elmer/Caliper

Proteome Sciences

Qiagen

Roche

Scienion

Sequenom

Shimadzu

Siemens

Sierra Molecular

Takara Bio

Tecan Group

Thermo Fisher



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