

# 2017-2021 France Nucleic Acid Testing/NAT Market: Growth Opportunities and Business Expansion Strategies for Instrument and Reagent Suppliers

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# **Abstracts**

#### **Highlights**

Comprehensive 1,125-page market segmentation analysis of the French NAT market.

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

An extensive review of DNA probe and biochip technologies, test formats, detection methodologies, trends in testing automation and amplification methods.

Five-year test volume and reagent sales forecasts for the following categories:

- Infectious Diseases - Cancer - Forensic Testing - Genetic Diseases - Paternity Testing/HLA Typing

Review of testing methodologies and instrumentation technologies.

Feature comparison of automated and semiautomated analyzers.

Sales and market shares of leading suppliers.



Over 60 specific opportunities for NAT instruments, test systems, IT and auxiliary products.

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

Alternative market penetration strategies.

Potential market entry barriers and risks.

Business planning issues and concerns.

Contains 1,125 pages and 58 tables



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Liquid Transportation and Mixing

Separation

Reaction

Detection

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  - 1. MICROBIOLOGY/INFECTIOUS DISEASES
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    - b. Major Infectious Diseases

AIDS: HIV/HIV1/2/Combo, HIVAg/HIV NAT, Western Blot, HTLVI/II

Adenovirus

Aeromonas

Anthrax/Bacillus Anthracis

Arboviruses

**Babesiosis** 

Bacillary Epithelioid Angiomatosis (BEA) and Other Bartonella (Rochalimaea)

Blastocystis Hominis

Brucella

Campylobacter

Candida

**Chagas Disease** 

Chancroid

Chlamydia

Clostridium Difficile



Coronaviruses

Coxsackieviruses

CreutzfeldtJakob's Disease

Cryptosporidium Parvum

Cyclospora Cayetanensis

Cytomegalovirus

Ebola Virus

E. Coli

**EchoVirus** 

Encephalitis

Enteroviruses

EpsteinBarr Virus

Giardia Lamblia

Gonorrhea

Granuloma Inguinale

Hantavirus

Helicobacter Pylori

Hepatitis: HAV NAT, HBV NAT, HBs Ag, HCV, HCV NAT, AntiHBc, AntiHBs,

AntiHAV, Hepatitis Delta, HBc Ag, HBe Ag, ALT/SGPT

Herpes Simplex Virus

**HUMAN HERPES VIRUS6 (HHV6)** 

Influenza Viruses

Legionella

Lyme Disease

Lymphogranuloma Venereum (LGV)

Malaria

Measles (Rubeola)

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 2. CANCER TESTING a. Overview b. Major Cancer Types Prostate Lung Colon and Rectum **Breast** Skin Uterine Leukemia Oral c. Oncogenes Abl/ablbcr AIB1 BCL2 BRCA1 **CD44** Cfos Cmyb Cmyc

CYP17 ErbB HPC1



**Nmyc** 

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PIK3CA

PTI1

Ras

Reg

Sis

Src

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- c. Chromosome Imaging
- d. Genomics Technologies
- e. Proteomics Technologies
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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** 

MaternalFetal Incompatibility

Multiple Endocrine Neoplasia

Phenylketonuria (PKU)

Polycystic Kidney Disease (PKD)

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Multilocus Probes

Single Locus Probes

PCR and RFLP

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- 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

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- 5. PATERNITY TESTING/HLA TYPING
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  - c. Diabetes
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**Abbott** 

Affymetrix

Agilent Technologies

Applied Gene Technologies

Arca Biopharma

Beckman Coulter/Danaher

**Becton Dickinson** 

**Biokit** 

bioMerieux

**BioRad** 

**Biotest** 

Cepheid

CellMark Forensics/LabCorp

**Decode Genetics** 

Diadexus

Eiken

Elitech Group

Enzo

**Exact Sciences** 

Fujirebio

Grifols

Hologic/GenProbe

Illumina

Kreatech/Leica

LiCor Biosciences

Monogram Biosciences/LabCorp

Myriad Genetics

OrthoClinical Diagnostics

Perkin Elmer/Caliper

Proteome Sciences

Qiagen

Roche

Scienion

Sequenom

Shimadzu



Siemens Sierra Molecular Takara Bio Tecan Group Thermo Fisher

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