+44 20 8123 2220
info@marketpublishers.com

Italy Molecular Blood Typing, Grouping and Infectious Disease NAT Market. 2019-2023: Analyzer and Reagent Supplier Shares, Volume and Sales Segment Forecasts, Innovative Technologies, Latest Instrumentation, Competitive Strategies

https://marketpublishers.com/r/296F8EB6FD6EN.html
Date: June 2019
Pages: 412
Price: US$ 4,750.00 (Single User License)
ID: 296F8EB6FD6EN

Abstracts

This comprehensive report is designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities in the Italian molecular blood banking market during the next five years, and assist industry executives in developing effective business, new product development and marketing strategies.

The report explores future marketing and technological trends in Italy; provides test volume and sales forecasts by market segment/test location; compares features of major automated and semi-automated analyzers; profiles leading and emerging competitors; and identifies specific product and market opportunities facing suppliers during the next five years.

Blood Group Genotyping

PCR, PCR-RFLP, AS-PCR or PCR-SSP, Multiplex PCR, Real Time PCR, Sanger DNA Sequencing, Pyrosequencing

Microarrays

BeadChip Array, BloodChip, Genome Lab SNP Stream, Fluidic Microarray Systems, TaqMan OpenArray, MALDI-TOF-MS, Mini-Sequencing

Blood Typing and Grouping Tests

ABO, Antibody Panels, Antibody Screening/Indirect Antiglobulin, Antigen Typing (C, c, Duffy, E, e, I, i, Kell, Kidd, Le a, b, MN, P, S, s), Antiglobulin (Direct, C3 + IgG, IgG, C3), Crossmatching (Immediate Spin, Full Crossmatch), Rh (D, Du).

Infectious Disease Screening Tests

AIDS (HIV NAT, HIV-1/2), Cytomegalovirus, Hepatitis (HAV NAT, HBV NAT, HBs Ag, Anti-HBc, HCV NAT, HCV, ALT/SGPT), HTLV-I/II, Parvovirus B19 NAT, Syphilis, West Nile Virus NAT

Sales and Market Share Analysis

Sales and market share estimates for leading suppliers of blood banking products by individual product.

Competitive Assessments

Strategic assessments of major suppliers and emerging market entrants, including their sales, product portfolios, marketing tactics, and new products in R&D.

Market Segmentation Analysis

Comprehensive market segmentation including review of the market dynamics, trends, structure, size, growth, and key suppliers.

Test volume and sales forecasts for over 40 blood typing, grouping and infectious disease screening tests, including NAT, by market segment:

Blood Centers

Hospitals

Commercial/Private Laboratories

Current and Emerging Products

Analysis of current and emerging blood typing, grouping and infectious disease

+44 20 8123 2220
info@marketpublishers.com

screening tests.

Review of automated and semi-automated analyzers.

Technology Review

Assessment of current and emerging technologies, and their potential applications for the blood banking market.

Comprehensive lists of companies developing or marketing new technologies and products, by test.

Strategic Recommendations

New product development opportunities with significant market appeal.

Alternative market penetration strategies.

Potential market entry barriers and risks.

Contains 430 pages and 35 tables

+44 20 8123 2220
info@marketpublishers.com

Contents

I. INTRODUCTION

II. WORLDWIDE TECHNOLOGY AND MARKET OVERVIEW

A. Major Blood Typing, Grouping and Infectious Disease Screening Tests

1. BLOOD TYPING AND GROUPING TESTS

a. ABO
b. Antibody Panels
c. Antibody Screening
d. Antigen Typing
e. Antiglobulin Test
f. Crossmatch
g. HLA Typing
h. Rh
i. Other Blood Groups
2. Blood Group Genotyping
a. PCR
b. PCR-RFLP
c. AS-PCR or PCR-SSP
d. Multiplex PCR
e. Real Time PCR
f. Sanger DNA Sequencing
g. Pyrosequencing
b. Microarrays
BeadChip Array
BloodChip
Genome Lab SNP Stream
Fluidic Microarray Systems
TaqMan OpenArray
MALDI-TOF-MS
Mini-Sequencing
3. Infectious Disease Screening Tests
a. AIDS
Structure and Composition
Classification

+44 20 8123 2220
info@marketpublishers.com

Origin of AIDS
Animal Lentivirus Systems
Virus Receptors
HIV Infections in Humans
Pathogenesis & Pathology
Overview of Course of HIV Infection
CD4T Lymphocytes and Memory Cells
Monocytes and Macrophages
Lymphoid Organs
Neural Cells
Viral Coinfections
Clinical Findings
Plasma Viral Load
Pediactric AIDS
Neurologic Disease
Opportunistic Infections
Protozoa
Fungi
Bacteria
Viruses
Cancer
Immunity
Laboratory Diagnosis
Virus Isolation
Serology
Detection of Viral Nucleic Acid or Antigens
Epidemiology
Worldwide Spread of AIDS
United States
Routes of Transmission
Prevention, Treatment, And Control
Antiviral Drugs
Vaccines Against HIV
Transmission of HIV in Blood Products
HIV Transmission in Transplant and Artificial Insemination Recipients
Diagnostic Tests
Enzyme Immunoassay Interpretation
Specificity, Sensitivity, and Predictive
Value of Enzyme Immunoassay

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
DNA Probes
Overview
Quantitative Polymerase Chain Reaction
In Situ PCR
Needed Improvements
Viral Load/Drug Resistance Testing
Genotype and Phenotype Testing
Blood Banking Considerations
b. Hepatitis
Hepatitis A
Hepatitis B
Structure and Composition
Replication of Hepatitis B Virus
Hepatitis C
Hepatitis D (Delta Hepatitis)
Hepatitis E
Hepatitis G
Hepatitis Virus Infections In Humans
Pathology
Clinical Findings
Laboratory Features
Hepatitis A
Hepatitis B
Hepatitis C
Hepatitis D
Hepatitis E
Virus-Host Immune Reactions
Epidemiology
Hepatitis A
Hepatitis B
Hepatitis C

Hepatitis D (Delta Agent)
Vaccines and Drugs
c. Cytomegalovirus
Background
Chorioretinitis
Gastrointestinal
Central Nervous System Disease
Diagnostic Tests
Vaccines and Drugs
d. Syphilis
Background
Diagnostic Tests
Vaccines and Drugs
e. West Nile Virus
Background
Clinical Syndromes
Diagnostic Tests
Vaccines and Drugs
f. Parvovirus B19
Microbiology
Epidemiology
Clinical Syndromes
Erythema Infectiosum Slapped (cheek)
Adult Polyarthropathy
Transient Aplastic Crisis
Transient Pancytopenia
Red Cell Aplasia in the Immunocompromised
Perinatal Infections
Diagnosis
Treatment
g. Creutzfeldt-Jakob's Disease
Background
Transmission
Diagnostic Tests
Major Commercial and Academic Players
Bayer
Disease Sciences/BioTec 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
h. Malaria
i. Chagas Disease
j. Babesiosis
4. Pathogen Reduction
5. Leukocyte Reduction
Background
Methods
B. Instrumentation Review: Operating Characteristics, Features and Selling Prices of Leading Automated and Semiautomated Analyzers Manufactured by:
Abbott
Beckman Coulter/Danaher
Becton Dickinson
Bio-Rad
BioMerieux
Cepheid
Curtis Unyvero
Gen-Probe/Hologic
GenMark
Grifols
HTG
Immucor
Life Technologies
Nanosphere
Ortho-Clinical Diagnostics
Qiagen
Roche
Sarstedt
Siemens
Tecan
C. Major in Vitro Diagnostic Technologies And Their Potential Applications
1. Molecular Diagnostics

a. Overview
b. NAT
2. Monoclonal and Polyclonal Antibodies
3. Immunoassays
a. Technological Principle
b. Chemiluminescence
c. Enzyme Immunoassays (EIA)
Overview
ELISA
EMIT
Electrochemical
d. Radioimmunoassays (RIA)
e. Immunoprecipitation
f. Affinity Chromatography
4. Microtitration Plates
5. IT and Automation
6. Lasers
7. Robotics
8. Synthetic Red Cell Substitutes
9. Genetically Engineered Blood Components
a. Albumin
b. Factor VIII
c. Alpha-2 Antiplasmin
d. Antithrombin III
e. Factor IX
f. Von Willebrand's Factor
g. Fibrinogen
h. t-PA
10. Blood Preservation
11. Autologous Blood Transfusion/Freezing

III. ITALY

A. Executive Summary
B. Business Environment
C. Market Structure
D. Market Size, Growth and Major Supplier Sales and Market Shares for Blood Typing, Grouping and Infectious Disease Screening Tests

+44 20 8123 2220
info@marketpublishers.com

IV. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

A. Molecular Blood Typing and Grouping
B. Infectious Disease Screening
C. Auxiliary

V. ALTERNATIVE MARKET PENETRATION STRATEGIES

A. Internal Development
B. Collaborative Arrangements
C. University Contracts

VI. POTENTIAL MARKET ENTRY BARRIERS AND RISKS

A. Market Maturity
B. Cost Containment
C. Competition
D. Technological Edge and Limitations
E. Patent Protection

VII. COMPETITIVE ASSESSMENTS

Abbott
Beckman Coulter/Danaher
Becton Dickinson
Biokit
BioMerieux
Bio-Rad
CellMark Forensics/LabCorp
Diagast
DiaSorin
Fujirebio
Hologic/Gen-Probe
Grifols
Immucor
Ortho-Clinical Diagnostics
Proteome Sciences
Quest Diagnostics
Quidel

+44 20 8123 2220
info@marketpublishers.com

Roche
Siemens
Tecan
Thermo Fisher

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Major Companies Developing or Marketing Blood Typing and Grouping Tests
Major Companies Developing or Marketing HLA Typing Tests
Major Companies Developing or Marketing AIDS Tests
Major Companies Developing or Marketing Hepatitis Tests
Major Companies Developing or Marketing CMV Tests
Major Companies Developing or Marketing Syphilis Tests
Major Companies Developing or Marketing Blood Bank Analyzers
Executive Summary Table: Italy, Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category
Italy, Facilities Performing Blood Bank Tests by Market Segment
Italy, Hospital Laboratories Performing Blood Bank Tests by Bed Size
Italy, Commercial/Private Laboratories Performing Blood Bank Tests by Annual Test Volume
Italy, All Market Segments Blood Typing And Grouping Test Volume by Market Segment
Italy, All Market Segments Blood Typing And Grouping Test Volume Forecast
Italy, Hospital Laboratories Blood Typing and Grouping Test Volume Forecast
Italy, Blood Banks Blood Typing And Grouping Test Volume Forecast
Italy, Commercial/Private Laboratories Blood Typing and Grouping Test Volume Forecast
Italy, All Market Segments Infectious Disease Screening Test Volume Forecast by Market Segment
Italy, All Market Segments Infectious Disease Screening Test Volume Forecast
Italy, Blood Banks Infectious Disease Screening Test Volume Forecast
Italy, Commercial/Private Laboratories Infectious Disease Screening Test Volume Forecast
Italy, Hospital Laboratories Infectious Disease Screening Test Volume Forecast
Italy, All Market Segments Blood Typing and Grouping Reagent Market Forecast by Market Segment
Italy, All Market Segments Blood Typing And Grouping Reagent Market Forecast by Major Test
Italy, Hospital Laboratories Blood Typing and Grouping Reagent Market Forecast By Major Test
Italy, Blood Banks Blood Typing and Grouping Reagent Market Forecast by Major Test
Italy, Commercial/Private Laboratories Blood Typing and Grouping Reagent Market

Forecast By Major Test
Italy, All Market Segments Infectious Disease Screening Reagent Market Forecast by Market Segment
Italy, All Market Segments Infectious Disease Screening Reagent Market Forecast by Test
Italy, Blood Banks Infectious Disease Screening Reagent Market Forecast by Test
Italy, Commercial/Private Laboratories Infectious Disease Screening Reagent Market Forecast by Test
Italy, Hospital Laboratories Infectious Disease Screening Reagent Market Forecast By Test
Italy, Major Suppliers of Blood Typing And Grouping Reagents Estimated Sales And Market Shares
Italy, AIDS/Hepatitis Blood Screening Market, Reagent Sales by Major Supplier
Italy, HIV/Hepatitis NAT Market, Reagent Sales by Major Supplier
Italy, CMV Blood Screening Market, Reagent Sales By Major Supplier

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Italy Molecular Blood Typing, Grouping and Infectious Disease NAT Market. 2019-2023: Analyzer and Reagent Supplier Shares, Volume and Sales Segment Forecasts, Innovative Technologies, Latest Instrumentation, Competitive Strategies

Product link: https://marketpublishers.com/r/296F8EB6FD6EN.html

Price: US$ 4,750.00 (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/296F8EB6FD6EN.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

Custumer 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

+44 20 8123 2220
info@marketpublishers.com

and fax the completed form to +44 20 7900 3970