

UK Blood Typing, Grouping and Infectious Disease NAT Screening Market, 2019-2023: Supplier Shares and Strategies, Volume and Sales Segment Forecasts, Technology and Instrumentation Review, Opportunities for Suppliers

<https://marketpublishers.com/r/UADE9F2D3F9EN.html>

Date: May 2019

Pages: 430

Price: US\$ 6,100.00 (Single User License)

ID: UADE9F2D3F9EN

Abstracts

Complete report \$6,100.DataPack (test volumes, sales forecasts, supplier shares)\$3,950.

This comprehensive report is designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities in the UK 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 UK; 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,

UK Blood Typing, Grouping and Infectious Disease NAT Screening Market, 2019-2023: Supplier Shares and Strategi...

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 analysis, 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 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

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
 - 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
Pediatric 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

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. U.K.

- 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

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
Roche
Siemens
Tecan
Thermo Fisher

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: U.K., Total Blood Bank Test Volume and Reagent Sales
Forecast by Test Category
U.K., Facilities Performing Blood Bank Tests by Market Segment
U.K., Hospital Laboratories Performing Blood Bank Tests by Bed Size
U.K., Commercial/Private Laboratories Performing Blood Bank Tests by Annual Test
Volume
U.K., All Market Segments Blood Typing And Grouping Test Volume Forecast by
Market Segment
U.K., All Market Segments Blood Typing And Grouping Test Volume Forecast
U.K., Hospital Laboratories Blood Typing and Grouping Test Volume Forecast
U.K., Blood Banks Blood Typing And Grouping Test Volume Forecast
U.K., Commercial/Private Laboratories Blood Typing and Grouping Test Volume
Forecast
U.K., All Market Segments Infectious Disease Screening Test Volume Forecast by
Market Segment
U.K., All Market Segments Infectious Disease Screening Test Volume Forecast
U.K., Blood Banks Infectious Disease Screening Test Volume Forecast
U.K., Hospital Laboratories Infectious Disease Screening Test Volume Forecast
U.K., Commercial/Private Laboratories Infectious Disease Screening Test Volume
Forecast
U.K., All Market Segments Blood Typing And Grouping Reagent Market Forecast By
Market Segment
U.K., All Market Segments Blood Typing And Grouping Reagent Market Forecast by
Major Test
U.K., Hospital Laboratories Blood Typing and Grouping Reagent Market Forecast By
Major Test
U.K., Blood Banks Blood Typing and Grouping Reagent Market Forecast by Major Test
U.K., All Market Segments Infectious Disease Screening Reagent Market Forecast By

Market Segment

U.K., All Market Segments Infectious Disease Screening Reagent Market Forecast

Segment By Test

U.K., Blood Banks Infectious Disease Screening Reagent Market Forecast by Test

U.K., Hospital Laboratories Infectious Disease Screening Reagent Market Forecast By Test

U.K., Commercial/Private Laboratories Infectious Disease Screening Reagent Market Forecast by Test

U.K., Major Suppliers of Blood Typing And Grouping Reagents Estimated Sales And Market Shares

U.K., HIV-1/2 Blood Screening Market, Reagent Sales by Major Supplier

U.K., Hepatitis Blood Screening Market, Reagent Sales by Major Supplier

U.K., Syphilis Blood Screening Market, Reagent Sales by Major Supplier

I would like to order

Product name: UK Blood Typing, Grouping and Infectious Disease NAT Screening Market, 2019-2023: Supplier Shares and Strategies, Volume and Sales Segment Forecasts, Technology and Instrumentation Review, Opportunities for Suppliers

Product link: <https://marketpublishers.com/r/UADE9F2D3F9EN.html>

Price: US\$ 6,100.00 (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/UADE9F2D3F9EN.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