

# Immunohematology and Infectious Disease NAT Screening Assays, and Strategic Profiles of Leading Suppliers

https://marketpublishers.com/r/I7931262032EN.html

Date: July 2016

Pages: 280

Price: US\$ 3,080.00 (Single User License)

ID: I7931262032EN

# **Abstracts**

This 280-page report presents a comprehensive analysis of the clinical significance and market needs for major blood typing, grouping, and infectious disease screening assays, including NAT tests, as well as extensive listings of companies developing or marketing new blood banking technologies and products. The report also presents strategic assessments of current and emerging suppliers, including their sales, product portfolios, marketing tactics, technological know-how, new products in R&D, collaborative arrangements, and business strategies. Contains 280 pages and 6 tables



## **Contents**

#### 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

#### 1. 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

MALDITOf MS

MiniSequencing

- 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

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

### 1. CHAGAS DISEASE

- j. Babesiosis
  - 4. PATHOGEN REDUCTION
  - 5. LEUKOCYTE REDUCTION

Background

Methods

## **COMPETITIVE ASSESSMENTS**

Abbott

Beckman Coulter/Danaher

**Becton Dickinson** 

**Biokit** 

**BioMerieux** 

Bio Rad

CellMark Forensics/LabCorp

Diagast

DiaSorin

Fujirebio

Grifols

Hologic/GenProbe

Immucor

Ortho Clinical Diagnostic

**Proteome Sciences** 

Quest

Quidel

Roche

Siemens

Tecan

**ThermFisher** 



# **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



### I would like to order

Product name: Immunohematology and Infectious Disease NAT Screening Assays, and Strategic Profiles

of Leading Suppliers

Product link: <a href="https://marketpublishers.com/r/l7931262032EN.html">https://marketpublishers.com/r/l7931262032EN.html</a>

Price: US\$ 3,080.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/I7931262032EN.html">https://marketpublishers.com/r/I7931262032EN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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



