

# **2019 Transfusion Diagnostics Market: Immunohematology and NAT Testing--Supplier Shares by Country, Emerging Assays, and Companies Developing New Technologies and Products**

<https://marketpublishers.com/r/26D85B8304FEN.html>

Date: February 2019

Pages: 197

Price: US\$ 3,850.00 (Single User License)

ID: 26D85B8304FEN

## **Abstracts**

The 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.

Contains 197 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
- 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

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

## 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: 2019 Transfusion Diagnostics Market: Immunohematology and NAT Testing--Supplier Shares by Country, Emerging Assays, and Companies Developing New Technologies and Products

Product link: <https://marketpublishers.com/r/26D85B8304FEN.html>

Price: US\$ 3,850.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/26D85B8304FEN.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