

Molecular and Immunohematology Blood Typing, Grouping and Infectious Disease NAT Market: 2017 Supplier Sales and Market Shares by Country, Innovative Technologies and Market Applications

https://marketpublishers.com/r/M8DB7B39764EN.html

Date: December 2017 Pages: 197 Price: US\$ 2,850.00 (Single User License) ID: M8DB7B39764EN

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 **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



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: Molecular and Immunohematology Blood Typing, Grouping and Infectious Disease NAT Market: 2017 Supplier Sales and Market Shares by Country, Innovative Technologies and Market Applications

Product link: https://marketpublishers.com/r/M8DB7B39764EN.html

Price: US\$ 2,850.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/M8DB7B39764EN.html</u>

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 <u>https://marketpublishers.com/docs/terms.html</u>

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