

2015-2019 Emerging Transfusion Diagnostic Typing, Grouping and NAT Screening Tests, and Strategic Profiles and Leading Suppliers

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Abstracts

This 225-page report presents a comprehensive analysis of the clinical significance and market needs for major transfusion diagnostic typing, grouping, and infectious disease screening assays, including NAT tests, as well as extensive listings of companies developing or marketing innovative 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 225 pages and 6 tables



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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



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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
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3. PATHOGEN REDUCTION

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Background Methods



COMPETITIVE ASSESSMENTS

Abbott Beckman Coulter/Danaher **Becton Dickinson Biokit BioMerieux Bio-Rad** Diagast DiaSorin Fujirebio Gen-Probe Grifols Immucor Innogenetics **Ortho-Clinical Diagnostics Orchid CellMark Novartis Diagnostics Proteome Sciences** Roche Siemens Tecan



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